UNIVERSITY OF CALIFORNIA, BERKELEY

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PHYSICAL & ENVIRONMENTAL PLANNING BERKELEY, CALIFORNIA 94720-1382 A & E # 1382

November 2, 2022

State of California
Office of Planning and Research
1400 Tenth Street
Sacramento, CA 95814

NOTICE OF PREPARATION OF AN ENVIRONMENTAL IMPACT REPORT

Project Title: Cal Softball Field Renovation Project

Lead Agency: The Regents of the University of California (University of California)

Project Location: University of California, Berkeley, within the Hill Campus West, on Centennial Drive, east of Stadium Rim Way and the Witter Rugby Field, west of the Strawberry Canyon Pool and Haas Clubhouse

County: Alameda County

Notice is hereby given that the University of California, Berkeley will prepare an Environmental Impact Report (EIR) for the University of California, Berkeley (University or UC Berkeley) Cal Softball Field Renovation Project (project or proposed project). The University, acting as the Lead Agency, has determined that the proposed project could result in potentially significant environmental impacts and that an EIR is required pursuant to the California Environmental Quality Act (CEQA).

Project Description

The University proposes to renovate and improve the existing Cal Softball Field (Cal Softball Field or field), which is the home for the UC Berkeley Intercollegiate Athletic (IA) Women's Softball Program. The project site is located within the Hill Campus West of UC Berkeley and the Strawberry Canyon Recreation Area at the site of the existing Cal Softball Field. The project would preserve and upgrade the existing softball facility to meet modern safety and competition standards for the IA Women's Softball Program and Recreational Sports Intramural softball players, as well as support campus compliance with Title IX of the Education Amendments of 1972 (20 USC 1681 et seq.) (Title IX) through the provision of equitable athletics facilities for male and female student athletes. The use of the softball facility would remain largely similar to current uses, primarily providing additional spectator and player amenities and seating for up to 1,511 spectators, up from approximately 1,340 spectator seats under existing conditions. The primary physical changes associated with the project would include providing additional permanent spectator seats in place of temporary bleachers, a press box, spectator concourse, replacement competition-grade lights, restrooms, public address system, expanded playing field dimensions, team and locker rooms, a ticket booth, improved training facilities (e.g., batting cages), entry plaza, landscaping, sustainable design features, access and bus stop improvements, and utilities (refer to

Attachment A, Figures 1−3). The proposed project will remove approximately 85 parking spaces and retain approximately 25 parking spaces in the existing Witter Lot. The proposed project also includes the implementation of applicable UC Berkeley's continuing best practices (CBPs), a game-day transportation demand management (TDM) plan, and a project-specific wildfire management plan.

The use of the proposed project would be similar to the use of the existing softball field. During the fall, the facility would be primarily used for practices, intramural play, campus/clinics, and other occasional daytime competitions. During the spring semester, the facility use would be comparatively more active, with up to 21 regular season softball events and up to 4 post-season events, as well as practices and intramural sports and activities when not scheduled for IA use. Overall, competitive games would increase somewhat from 15 to 20 under existing conditions to up to 25 with the proposed project. During the summer, the facility would not be used for competition, but would be used for intramural recreation, as well as Rec Sports summer camps, similar to existing uses. Additional project details are provided in Attachment B, Initial Study, for the project.

Probable Environmental Effects of the Proposed Project

UC Berkeley has determined that an EIR will be prepared for the proposed project. Therefore, as allowed under Section 15063 of the CEQA Guidelines (Title 14 Cal. Code Regs.), UC Berkeley has prepared an Initial Study to help determine if the project may have a significant effect on the environment (see Attachment B). As required, the EIR will focus on the significant effects of the proposed project and will document the reasons for concluding that other effects will be less than significant. Where significant or potentially significant environmental impacts are identified, the EIR will also discuss feasible mitigation measures to avoid or reduce these impacts, and a reasonable range of potentially feasible alternatives.

Aesthetics

The EIR will assess potential impacts to scenic vistas and resources, existing visual character, and light and glare that may occur due to the construction and operation of the renovated softball field. The proposed softball field lighting will be assessed with a general illumination study to evaluate potential impacts from light and glare to the surrounding areas, which will be evaluated in comparison to existing conditions. The EIR would also rely on photo simulations of the project to assess potential impacts on views from key observation points.

Biology

Potential impacts to biological resources could occur as a result of the proposed construction and operation of the softball field project. The EIR analysis will address both direct impacts from habitat removal and indirect impacts from noise and lighting and other disturbances, as a result of the proposed construction and operation of the softball field project. A biological resources assessment for the proposed project and EIR will be conducted, which will include a review of current biological resource databases. The EIR will also rely on an updated general survey of the biological study area for vegetation communities, plant and wildlife species, and potential special-status species occurrences and habitat. Results of the project-specific literature review and field survey will be incorporated into the EIR analysis.

Cultural and Tribal Cultural Resources

Potential impacts to cultural and tribal cultural resources, and paleontological resources could occur as a result of proposed construction and ground disturbing activities. It is possible that cultural resources could be present within the project site. As such, these impacts will be assessed by conducting a California Historical Resources Information Systems (CHRIS) records search update and conducting a field survey of the project

site. Results of the records search and field survey will be incorporated into the EIR analysis. Additionally, potential indirect off-site impacts on the adjacent Panoramic Hill National Register of Historic Places (NRHP) listed historic district will also be addressed in the EIR.

Noise

Potential temporary construction and demolition noise and vibration impacts to sensitive receivers (residences) in the vicinity of the proposed project will be assessed based on noise measurements taken at the project site and review of construction phases and equipment usage. Noise impacts from operation of the renovated softball field will be analyzed using a 3-D sound prediction model to quantify combined noise levels at the closest noise-sensitive uses from softball game activity, spectator participation, and public address system use. Results of the noise analyses will be incorporated into the EIR analysis.

Transportation

Potential construction and operational transportation impacts of the proposed project will be assessed with a qualitative transportation assessment for the surrounding street network in the project area. Impacts associated with trips generated from operation of the renovated softball field will be assessed in terms of vehicle miles traveled. In addition, the EIR will assess the project site plan for vehicular, pedestrian, bicycle, and transit circulation against campus and/or City transportation infrastructure plans and policies. The EIR will also assess the project to determine whether impacts to emergency vehicle access would occur.

Wildfire

To assess the potential wildfire impacts associated with construction and operation of the project, the EIR will include a review of publicly available fire hazard and fire history information from CAL FIRE, the City of Berkeley, UC Berkeley, and the County of Alameda, as well as emergency response or evacuation plans for the project area. The analysis will summarize emergency response resources and the existing fire environment in the project area, including slopes, climate/weather, fire history, and fuel sources on and surrounding the project site. The EIR will review applicable federal, state and local plans, policies and regulations governing wildfire hazards and will determine whether construction and operation of the project is in compliance with these plans and regulations. The EIR will also evaluate and consider the project-specific wildfire management plan being prepared for the project.

Impacts Not Found Significant

The EIR will also explain why other effects were determined to not be potentially significant and were not discussed in detail in the EIR. Based on Appendix B, Initial Study, these topics are likely to include Agricultural and Forestry Resources, Air Quality, Energy, Geology and Soils, Greenhouse Gas Emissions, Hazards and Hazardous Materials, Hydrology and Water Quality, Land Use and Planning, Mineral Resources, Population and Housing, Public Services, Recreation, and Utilities and Service Systems.

Other Sections

The EIR will include additional topics as required by the CEQA Guidelines including growth inducement, cumulative impacts, and alternatives. The EIR will describe and evaluate a reasonable range of potentially feasible alternatives to the proposed project that would feasibly attain most of the proposed project's basic objectives while avoiding or substantially lessening any significant effects of the proposed project. The "No Project" alternative will also be evaluated as required by CEQA.

Project Comment and Scoping Session

UC Berkeley requests comments and guidance on the scope and content of the EIR from interested public agencies, organizations, and individuals. With respect to the views of Responsible and Trustee Agencies as to significant environmental issues, UC Berkeley needs to know the significant environmental issues and reasonable alternatives and mitigation measures that are germane to each agency's statutory responsibilities in connection with the proposed project.

Due to time limits mandated by State law, your response must be sent at the earliest possible date, but no later than the close of the Notice of Preparation (NOP) review period at 5:00 p.m. December 5, 2022. If you submit comments on the scope of the EIR, you will automatically be added to UC Berkeley's distribution list to receive future notices and announcements about the environmental review process for this and all other capital projects. If you do not wish to submit comments on the scope of the EIR but would like to be added to the university's mailing list, you can subscribe here: https://capitalstrategies.berkeley.edu/subscribe.

Responses to this NOP must be received by 5:00 p.m. on December 5, 2022. Please e-mail or send your written response to:

Shraddha Navalli Patil, Senior Planner
Physical & Environmental Planning
University of California, Berkeley
300 A&E Building, Berkeley, CA 94720-1382

Email: planning@berkeley.edu
Phone number: (510) 495-5786

Please include "Cal Softball Field Renovation EIR" as the subject. Public agencies providing comments are asked to include a contact person for the agency.

UC Berkeley will host an online public scoping session to receive public comments on the scope of the EIR. The scoping session will be held exclusively through Zoom videoconference. **The public hearing will be held on November 17, 2022 starting at 7:00 PM.** Because of time restraints, there will be a time limit of two minutes for all public comments.

For instructions to access and participate in the Zoom meeting by telephone or from a PC, Mac, iPad, iPhone, or Android device, please visit: https://capitalstrategies.berkeley.edu/public-meetings

If you need to review a paper copy of this notice or have questions regarding this project and associated environmental review, please contact Shraddha Navalli Patil, Senior Planner, Physical & Environmental Planning, UC Berkeley, at planning@berkeley.edu.

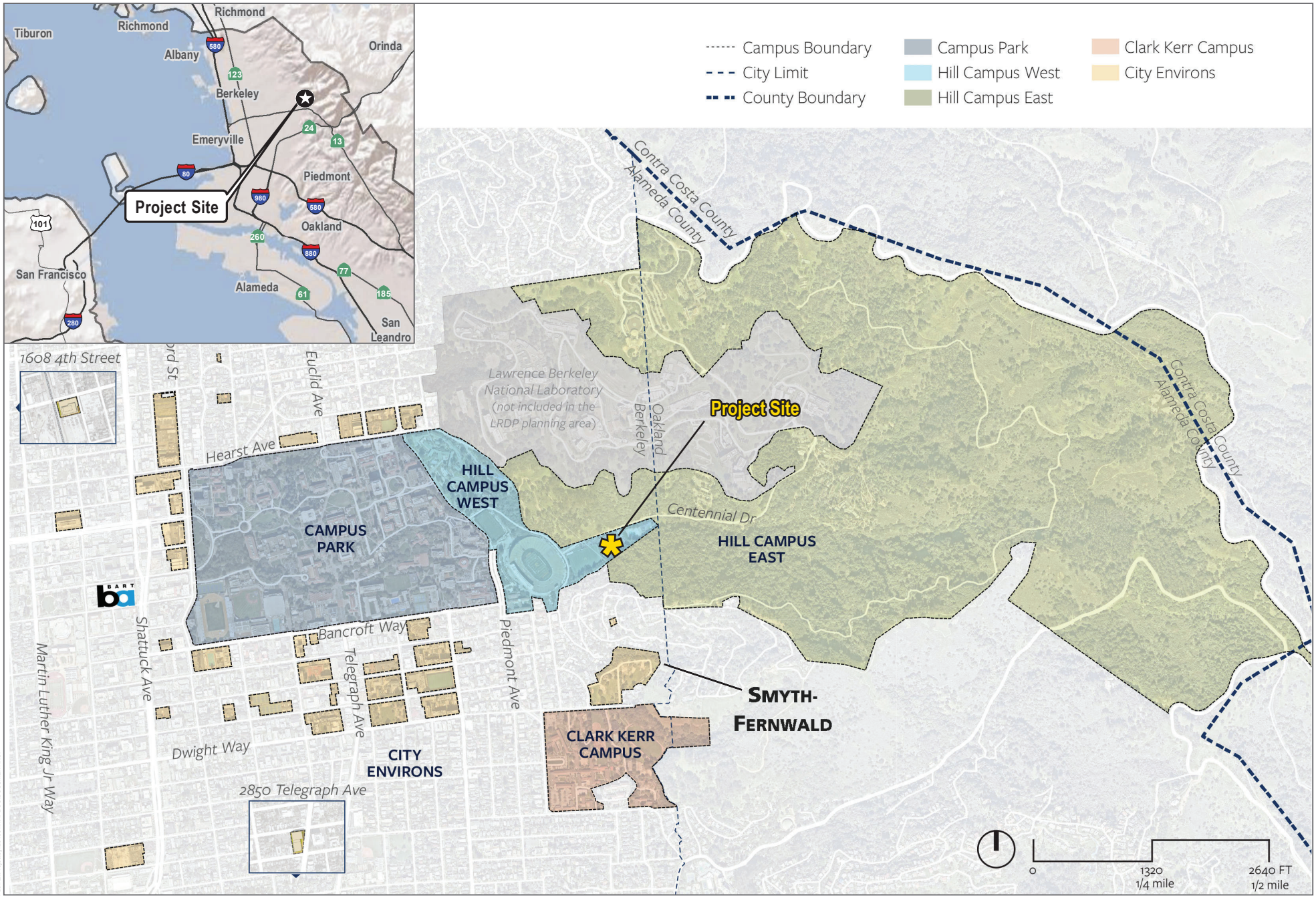
Sincerely,

Wendy Hillis
Campus Architect, Assistant Vice Chancellor
University of California, Berkeley

Attachment A: Figures
Attachment B: Initial Study

ATTACHMENT A

Figures



SOURCE: UC Berekeley 2018

DUDEK

FIGURE 1

Project Location

Cal Softball Field Renovation Project

SOURCE: ESRI World Imagery 2018

DUDEK

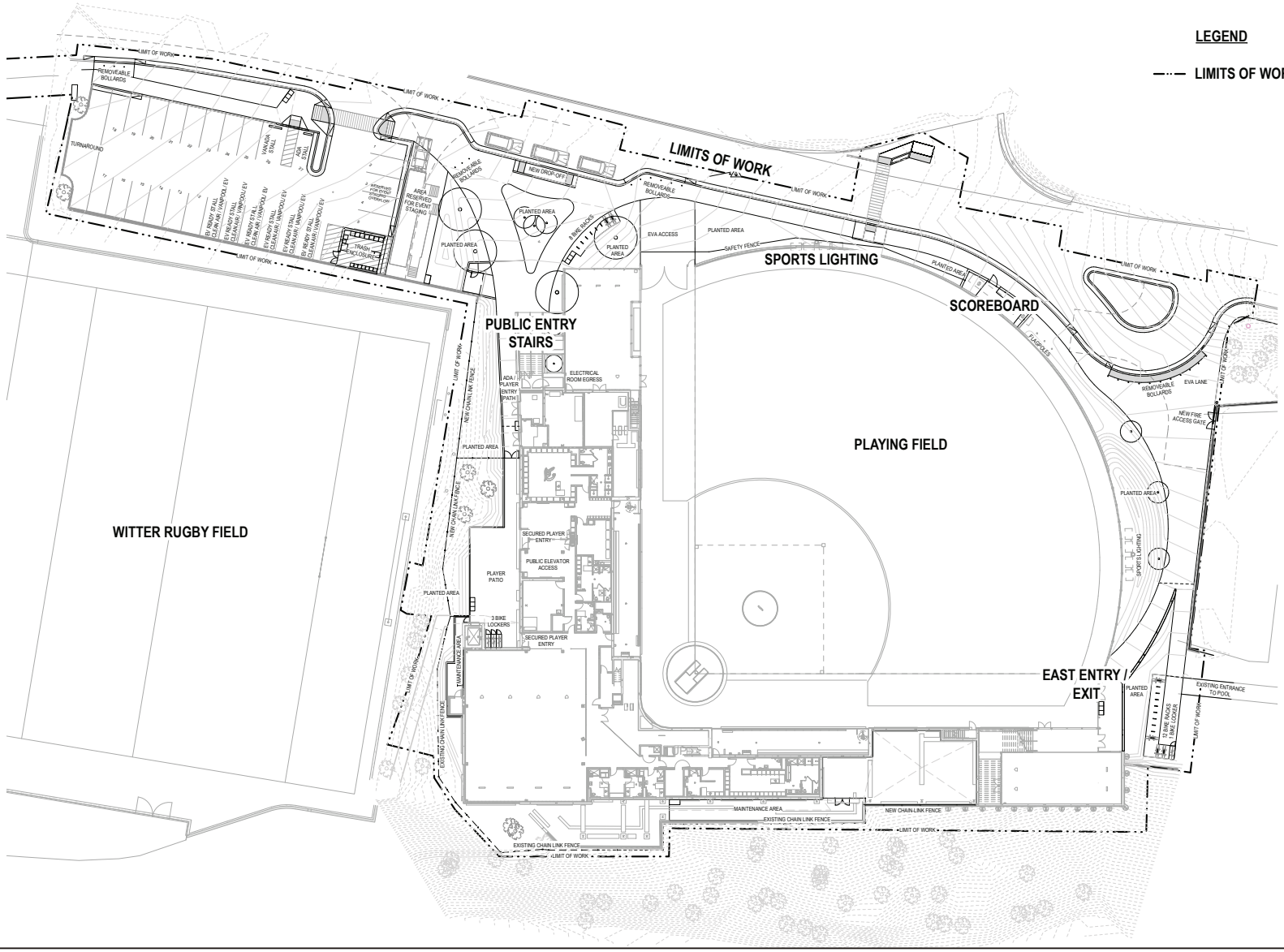
0 50 100 Feet

FIGURE 2

Project Site

Cal Softball Field Renovation Project

(Project Site Boundary extends west for connection to existing campus utilities.
See Figure 2 for full boundary extents.)



SOURCE: HOK Architects

DUDEK

FIGURE 3

Overall Site Plan

Cal Softball Field Renovation Project

ATTACHMENT B

Initial Study

Cal Softball Field Renovation Project
Initial Study

Prepared for:

University of California, Berkeley
Physical and Environmental Planning
300c A and E Building MC#1382
Berkeley, California 94720
Contact: Shraddha Navalli Patil, Ph.D.

Prepared by:

DUDEK
1630 San Pablo Avenue, Suite 300
Oakland, California 94612
Contact: Ann Sansevero, AICP

NOVEMBER 2022

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Acronyms and Abbreviations

Acronym/Abbreviation	Definition
ACMs	asbestos-containing materials
BAAQMD	Bay Area Air Quality Management District
BD+C	Building Design and Construction
BFD	Berkeley Fire Department
BMPs	best management practices
BUSD	Berkeley Unified School District
CEQA	California Environmental Quality Act
CCR	California Code of Regulations
DOC	Department of Conservation
DTSC	Department of Toxic Substance Control
EBCE	East Bay Community Energy
EBMUD	East Bay Municipal Utility District
EIR	Environmental Impact Report
EOP	Emergency Operations Plan
EPA	U.S. Environmental Protection Agency
FEMA	Federal Emergency Management Agency
FIRM	Flood Insurance Rate Map
FMMP	Farmland Mapping and Monitoring Program
IA	Intercollegiate Athletics
IS	Initial Study
LBP	Lead-based paint
LEED	Leadership in Energy and Environmental Design
LID	Low-impact development
LRDP	Long Range Development Plan
mgd	million gallons per day
mgy	million gallons per year
MRZs	Mineral Resource Zones
MWWTP	Main Wastewater Treatment Plant
NPDES	National Pollutant Discharge Elimination System
NOP	Notice of Preparation
PG&E	Pacific Gas and Electric Company
PV	photovoltaic
RWQCB	Regional Water Quality Control Board
SGMA	Sustainable Groundwater Management Act
SMARA	Surface Mining Control and Reclamation Act
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board
UCPD	University of California Police Department
USDA	US Department of Agriculture
UWMP	Urban Water Management Plan

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1. Initial Study Introduction

PROJECT INFORMATION

1. Project title:

Cal Softball Field Renovation Project

2. Lead agency name and address:

The Regents of the University of California
1111 Franklin Street,12th floor
Oakland, California 94607

3. Contact person and phone number:

Shraddha Navalli Patil, Ph.D., (650) 223-3433

4. Project location:

University of California, Berkeley, within the Hill Campus West and the Strawberry Canyon Recreation Area, at the existing Cal Softball Field. The project site is located on Centennial Drive, off Stadium Rim Way. Centennial Drive is an east–west roadway that extends between Stadium Rim Way and Grizzly Peak Boulevard

5. Project sponsor's name and address:

University of California, Berkeley
Physical & Environmental Planning
Berkeley, California 94720-1382

6. General plan designation and zoning:

The project site is located in the Hill Campus West land use zone, per the 2021 LRDP.

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

The University proposes to renovate and improve the existing Cal Softball Field (Cal Softball Field or field), which is the home for the UC Berkeley Intercollegiate Athletic (IA) Women's Softball Program. The project site is located within the Hill Campus West of UC Berkeley and the Strawberry Canyon Recreation Area at the site of the existing Cal Softball Field. The project would preserve and upgrade the existing softball facility to meet modern safety and competition standards for the IA Women's Softball Program and Recreational Sports Intramural softball players, as

well as support campus compliance with Title IX [1] of the Education Amendments of 1972 (20 USC 1681 et seq.) (Title IX) through the provision of equitable athletics facilities for male and female student athletes. The use of the softball facility would remain largely similar to current uses, primarily providing additional spectator and player amenities and seating for up to 1,511 spectators, up from approximately 1,340 spectator seats under existing conditions. The primary physical changes associated with the project would include providing additional permanent spectator seats in place of temporary bleachers, a press box, spectator concourse, replacement competition-grade lights, restrooms, public address system, expanded playing field dimensions, team and locker rooms, a ticket booth, improved training facilities (e.g., batting cages), entry plaza, landscaping, sustainable design features, access and bus stop improvements, and utility connections to existing services (see Notice of Preparation [NOP] Attachment A, Figures 1– 3). The proposed project will remove approximately 85 parking spaces and retain approximately 25 parking spaces in the existing Witter Lot. The proposed project also includes the implementation of applicable UC Berkeley university continuing best practices (UC Berkeley 2021c and 2021d), a game-day transportation demand management (TDM) plan, and a project-specific wildfire management plan.

The use of the proposed project would be similar to the use of the existing softball field. During the fall, the facility would be primarily used for practices, intramural play, campus/clinics, and other occasional daytime competitions. During the spring semester, the facility use would be comparatively more active, with up to 21 regular season softball events and up to 4 post-season events, as well as practices and intramural sports and activities when not scheduled for IA use. Overall, competitive games would increase somewhat from 15 to 20 under existing conditions to up to 25 with the proposed project. During the summer, the facility would not be used for competition, but would be used for intramural recreation, as well as Rec Sports summer camps (similar to existing uses).

The renovated facility would be constructed on the site of the existing Cal Softball Field; the total project site area is approximately 3 acres. The existing project site includes turf grass on the field, developed impervious surfaces and existing landscaping. The project site is relatively flat with elevation ranges from 478 feet above mean sea level in the western corner of Witter Lot to 495 feet above mean sea level in the northeastern corner of the parking lot.

Surrounding uses include Witter Rugby Field which is directly to the west of the project site, and Strawberry Canyon Pool and the Haas Clubhouse are to the northeast. California Memorial Stadium is located at the terminus of Centennial Drive to the west. Immediately south of the project site is a densely wooded area, which includes an unnamed recreational trail running eastward up into the Hill Campus East from the western end of Canyon Road. Beyond the wooded area to the south of the project site is the Panoramic Hill residential neighborhood.

The proposed project would consist of the following components.

Softball Field. The improved softball field would be in the same location as the existing field and would remain oriented to the northeast with home plate at the southwest corner of the site. The outfield fences would be extended to 190 feet down to the right and left baselines, and to 220 feet to the centerfield to comply with NCAA standards. The outfield fence would be up to eight feet high from finished grade to the top of the fence. The infield surface would be resurfaced with new fine-grained aggregate material and the existing grass outfield would be replaced with synthetic turf.

Lighting. The existing field lights on 4, 50-foot towers would be replaced and upgraded by installing 6, 85-foot-high towers that would illuminate the infield, outfield, bullpen, and seating. Two light towers would be placed along the

[1] Title IX is a portion of the United States Education Amendments of 1972 that makes it illegal to discriminate against a person on the basis of sex in any federally funded activity and applies to all aspects of education, including athletics programs. As it relates to athletics, one of the requirements of Title IX is that women and men be provided equitable opportunities to participate in sports.

left baseline, facing east; two light towers would be placed along the right baseline, facing north; and two towers would be placed along the outfield fence on the north and east corners of the site, facing southeast and northwest, respectively. For evening intercollegiate competition, all lights would be fully illuminated; for evening intramural or other uses, the lighting would be dimmer. The lighting plan is designed to concentrate light on the infield and outfield and dissipate foot-candles toward the edges of the field. There will be no change in the existing daily schedule for use of the field lights with the proposed project.

The press box, staircases, restrooms, and home and visiting team areas would have occupancy sensors that would be connected to the lighting control system. In addition to competition field lights, the project would include upgraded street and pedestrian lighting. All areas of public circulation would have recessed lights angled downward to reduce light pollution and glare, to be compatible with the rustic character of the Hill Campus West. The improved field would not use diesel backup generators for lighting or any other purposes.

Softball Field Building. The project involves construction of an approximately 30,500-square-foot two-story structure housing the bullpen, the concourse, and the press box, which would be built on the southwest corner of the site adjacent to a new fan concourse wrapping around up to 1,511 permanent seats. Approximately 22,000 square feet would be ballpark spaces including bleachers, bullpens and dugouts; and approximately 7,927 square feet would be enclosed spaces including locker rooms, press box, lounges, and training room. The proposed building would be set back 100 feet from the curb of Centennial Drive to accommodate the landscape treatment at the entrance and the remaining existing parking in Witter Lot. The setback depth would vary along the building edges of the concourse and the press box. The top of the press box, which represents the tallest portion of the building, would be 35 feet high, and the concourse would be 20 feet high. Although views would be filtered through the surrounding trees, as with the current facility, the project would be visible from Centennial Drive and Canyon Road. The main entrance of the project would be located at the northwest corner of the site on Centennial Drive, between the new Softball Field and the existing Witter Rugby Field, and is planned and designed to form a landscaped entry plaza that serves as a gathering place, and provides a ticket booth, signage to the softball field, and direct access to those with special mobility needs.

A new scoreboard with LED display would be used for player headshots, statistics, replays and pre-produced videos. The display would be approximately 35 feet by 20 feet and would face southwest. A static 9-inning scoring line, approximate 35-foot by 9-foot score display would mount below the scoreboard and can be used independently of the primary video display. Views of these displays from the south would be largely screened by the dense trees south of the project site. A summary of proposed field improvements under the project are listed below in Table 1-1.

TABLE 1-1. SUMMARY OF PROPOSED CAL SOFTBALL FIELD IMPROVEMENTS

Project Element	Existing Condition	Proposed Project
Field	• Dimensions do not meet NCAA standards – outfield fences run 187 feet down the right and left baselines, 197 feet to centerfield.	• The field would conform to minimum dimensions of an NCAA-compliant softball facility – 190 feet down the lines and 220 feet to centerfield.
Fencing	• 380 linear feet of backstop fencing. • 206 linear feet of perimeter fencing; no fencing separating Cal Softball Field from Witter Field to the west. • 400 linear feet of internal fencing. • Outfield fencing is 8 feet high. • Safety net along left-field fence to protect Centennial Drive is 55-foot high.	• 425 linear feet of backstop fencing due to expanded field. • 600 linear feet of perimeter fencing; including replacing some fencing on the south side of the site and providing new fencing separating Cal Softball Field from Witter Field to the west. • 80 linear feet of internal fencing for bull pens. • Outfield fencing would be 8 feet high.

TABLE 1-1. SUMMARY OF PROPOSED CAL SOFTBALL FIELD IMPROVEMENTS

Project Element	Existing Condition	Proposed Project
		• Transparent safety net along left-field fence to protect Centennial Drive would be 55-foot high.
Dugouts	• Two dugouts (metal structure with asbestos roof), 35 feet wide and 12.5 feet deep.	• Dugouts would be 73 feet wide and 12 feet deep and would hold 30 people with equipment (bats, helmets). • Bathrooms would be accessible directly off the dugouts (both home and visitors), with a mudroom between the dugout and the locker room.
Seating	• 350 permanent seats facing north and east; up to 990 temporary bleachers, facing south, for a total of 1,340 seats.	• 1,511 permanent seats, facing north and east. • Net increase of 171 seats with the project.
Team rooms (home)	• No home team room. • Lockers are located in California Memorial Stadium.	• Home team room (approximately 575 square feet) would be directly adjacent to the dugout mudroom.
Team rooms (visiting)	• No visiting team room.	• Visiting team locker room, adjacent to visitor dugout.
Restrooms	• Structure with separate restrooms for men and women.	• Restrooms located in each team locker room, adjacent to each dugout. • Public restrooms on the concourse behind the press box. • Restrooms also in two unisex umpire locker rooms. • One gender-neutral bathroom in a central area.
Batting cages	• Three batting cage chutes (3,200 square feet) are located in a covered metal structure.	• Semi-exterior space with four batting cage chutes and space for a pitching area under concourse accessible from interior hallway serving locker rooms (approximately 4,060 square feet).
Concourse	• No concourse.	• Elevated concourse where fans can walk down to seats.
Press box	• Press box is at the southern edge of the field. • No structure.	• Slender press box structure of approximately 1,350 square feet located on the southwest corner of the concourse.
Lighting	• 4, 50-foot light towers supporting 1,000-watt light fixtures/6–8 halogen fixtures. • Existing lights reach a portion of the playing field and measure around 20-30 foot-candles. • Lights are scheduled through a local, antiquated lighting control system located in a box behind the left field wall.	• 6, 85-foot poles with TV-ready game lighting fixtures at the top to illuminate playing field. • Horizontal light levels: 70 foot-candles for the outfield and 100 foot-candles for the infield. • Lighting levels would be dimmer for events other than intercollegiate games, such as intramural competitions.
PA system[a]	• Six portable speakers affixed to poles wired to a head unit and controlled by a mixing board. • Speakers affixed to poles along the perimeter of the softball field and oriented towards fan seating areas: southward from the northern perimeter of the field and	• Speakers mounted on exterior of building and poles for field use during games and practice. • Speakers mounted in batting cage for use during practice.

TABLE 1-1. SUMMARY OF PROPOSED CAL SOFTBALL FIELD IMPROVEMENTS

Project Element	Existing Condition	Proposed Project
	northward from the southern perimeter of the field.	
Power and data	• No power or data to team rooms or press box. • Requires use of diesel backup generators.	• Power and data to team rooms, press box, dugouts, batting cages, scoreboard, and various concourse locations. • No diesel backup generators required.

Notes: NCAA = National Collegiate Athletic Association Division I; PA = public address.

a. Speakers would be oriented perpendicularly (toward the west) away from the closest residences.

Softball Program Description. The use of the proposed project would be similar to the use of the existing softball field. During the fall, the field would be primarily used for practices, intramural play, campus/clinics, and other occasional daytime competitions. These fall competitions occur on weekend afternoons and are scheduled to not coincide with football games at nearby California Memorial Stadium. During the spring semester, the facility would be used somewhat more frequently than under existing conditions (15 to 20 games), with up to 21 regular season softball games and up to 4 post-season events, as further described below, as well as practices and intramurals when not scheduled for IA use. All regular season softball games could be televised, as under existing conditions. Of these 21 regular season events, 8-10 would be against Pac-12 competition played during 4-5 weekend series with two games per weekend. It is possible, though very unlikely, that all 10 of those Pac-12 games could be played in the evening. Additionally, the schedule typically includes 4-6 out-of-conference games, and it is possible, though very unlikely, that all of these could be played in the evening. The facility may also host an intercollegiate tournament in February, which could include up to 5 night games in a worst-case scenario. If the team qualifies for the post-season, it would need to be one of the top 16 teams in the country in order to host a 4-team, double-elimination tournament in which up to 4 night games could occur.

Table 1-2 compares the existing program schedule to the proposed program schedule, based on information provided by UCB IA. The primary changes include an increase in maximum seating "sell-out" capacity from approximately 1,340 to 1,511; potential to host televised night games, depending on network scheduling; and the ability to host up to two special events (regionals and super-regionals). The project assumes that average attendance at games would double, from a historic average of 300 to 600 attendees at Fall competitions and from 500 to 1,000 at Spring competitions. Although the ability to host competitive NCAA night games would be new, the facility hours of use (until 10:00 p.m.) would not change.

TABLE 1-2. PROPOSED UC BERKELEY SOFTBALL FIELD PROGRAM SCHEDULE

ID	Activities	Expected Number of Uses/Events		Days of Week	Times of Day
		Existing	Proposed		
September through December (Fall Semester – Practice Season)					
1	Fall attendance at home competitions (4–5 total games on weekends)	300 average attendees; 60 athletes; 32 coaches/support staff	600 average attendees; 60 athletes; 32 coaches/support staff	Saturday and Sunday	12:00 p.m.–5:00 p.m.
2	Softball team practices	35 people	35 users	Monday–Friday	11:00 a.m.–2:00 p.m.

TABLE 1-2. PROPOSED UC BERKELEY SOFTBALL FIELD PROGRAM SCHEDULE

ID	Activities	Expected Number of Uses/Events		Days of Week	Times of Day
		Existing	Proposed		
3	Intramural sports	40 users	40 users	Monday–Sunday	5:00 p.m.–10:00 p.m.
4	Camps and clinics	100 users	100 users	Saturday and Sunday	9:00 a.m.–3:00 p.m.
5	Special events/rentals	50 attendees	50 attendees	Varies	Varies
6	Maintenance	4 users	4 users	Monday–Friday	8:00 a.m.–11:00 a.m.
January through May (Spring Semester – Competitive Season)					
7	Spring attendance at home competitions	500 average spectators; 60 athletes; 32 coaches/support staff	1000 average spectators; 60 athletes; 32 coaches/support staff		
8	Spring home competitions	15–20 games on weekdays and weekends; no night games)	Up to 21 games, including up to 21 night games	Tuesday, Thursday–Sunday	Weekdays: 1:00 p.m.–10:00 p.m. Weekends: 12:00 p.m.–10:00 p.m.
9	Post-season play	Infrequent, depends on performance	Infrequent, depends on performance; up to 4 games (including up to 4 night games)	3-day playoff weekend events	Weekdays: 1:00 p.m.–10:00 p.m. Weekends: 12:00 p.m.–10:00 p.m.
10	Softball team practices	35 users	35 users	Monday–Friday	11:00 a.m.–2:00 p.m.
11	Intramural sports	20 users	40 users	Monday–Sunday	5:00 p.m.–10:00 p.m.
12	Maintenance	4 users	4 users	Monday–Friday	8:00 a.m.–11:00 a.m.
June through August (Summer Session – Camp Season)					
13	Youth camps	250-600 users	250-600 users	Monday–Friday	8:00 a.m.–5:00 p.m.
14	Camps and clinics	100 users	100 users	Saturday and Sunday	9:00 a.m.–3:00 p.m.
15	Special events/rentals	50 users	50 users	Varies	Varies
16	Maintenance	4 users	4 users	Monday–Friday	8:00 a.m.–11:00 a.m.

Transportation, Access and Parking. Site access to the new facility would be similar to the existing field as its location and orientation would not change. Primary vehicle access to the field would be from Centennial Drive. Additionally, the project would include two new passenger loading/unloading zones along Centennial Drive (see NOP Attachment A, Figure 3), which would have rolled curbs to accommodate emergency vehicles:

- Northwest Passenger Loading/Unloading Zone - The new pullout area at the main entrance gate on the northwest corner of the site would be 65 feet in length along the project frontage on Centennial Drive, which could accommodate up to 3 vehicles. This pullout area is closest to the Americans with Disabilities Act (ADA) path on the west side of the site.
- Northeast Passenger Loading/Unloading Zone – The new roundabout on the northeast corner of the site near the Strawberry Canyon pool entrance can accommodate up to 6 vehicles for passenger loading and unloading.

The project would remove approximately 85 surface parking spaces from Witter Lot. There would be 25 perpendicular parking spaces remaining with a 20-foot-wide two-way drive aisle and the roundabout area, previously described. In addition to these remaining spaces, the lot would accommodate one ADA-compliant parking space and one ADA-compliant van parking space. Additionally, in coordination with the UC Berkeley Parking & Transportation, IA will develop a game day transportation and parking demand management (TDM) plan for the project.

Landscaping. The proposed project includes new landscaping (see NOP Attachment A, Figure 3), primarily focused on replacement of the streetscape and creation of new entry plazas along Centennial Drive. Due to construction and the increased footprint of the new facility, up to 23 trees would be removed on the northern portion of the project site to accommodate the new facility. The proposed project would retain approximately 56 existing trees and would include planting 8 new trees as part of the overall landscaping plan. No trees would be removed on the southern portion of the project site.

Sustainable Design. The proposed project would be required to meet energy efficiency and green facility standards in the systemwide UC Sustainable Practices Policy, UC Berkeley Energy Use Policy, and the UC Berkeley Campus Design Standards. The project would be designed and constructed, at minimum, to the U.S. Green Building Council's Leadership in Energy and Environmental Design (LEED) Building Design + Construction (BD+C) Silver Certification. "Green" facility measures in the proposed structure would include low-emitting adhesives, sealants, composite wood, agrifiber products, paints, and coatings; Forest Stewardship Council-certified wood; and low-flow plumbing fixtures. The project would implement a high thermal performance envelope, lighting-power density reduction, variable-frequency drives for all motors, heat recovery systems, and high-efficiency mechanical equipment. In general, lighting would be controlled by a networkable lighting control system with a built-in time clock and local overrides.

Construction. Demolition activities and construction of the project are anticipated to commence in summer or fall 2023 and last for approximately 13 months. Project construction would be consistent with the hours of operation allowed by the City of Berkeley noise ordinance, generally Monday–Friday 7:00 a.m. to 7:00 p.m., with limited weekend hours if needed. To reduce emissions from construction equipment, UC Berkeley shall use equipment that meets the United States Environmental Protection Agency Tier 4 Final emissions standards or higher for off-road diesel-powered construction equipment with more than 50 horsepower, unless it can be demonstrated to UC Berkeley that such equipment is not commercially available.[2]

[2] "Commercially available" means the availability of Tier 4 Final engines similar to the availability for other large-scale construction projects in the city occurring at the same time and taking into consideration factors such as (i) potential significant delays to critical-path timing of construction and (ii) geographic proximity to the project site of Tier 4 Final equipment.

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

Land Uses:

- North: Undeveloped hillside (UC Berkeley; Hill Campus East)
- East: Strawberry Canyon Pool and the Haas Clubhouse (UC Berkeley; Hill Campus West)
- West: Witter Rugby Field and California Memorial Stadium (UC Berkeley; Hill Campus West)
- Southwest: Residences, part of the Panoramic Hill residential neighborhood (City of Berkeley)
- South: Wooded area, including a recreational trail (UC Berkeley; Hill Campus West)

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

No other permits or authorizations are required from other agencies or individuals that require such agencies or individuals to comply with the California Environmental Quality Act (CEQA).

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

With the release of the NOP for the proposed project, UC Berkeley will notify applicable tribes informing them of the proposed project, providing a project description and background, and requesting consultation pursuant to AB 52. AB 52 establishes a formal consultation process for California tribes regarding tribal cultural resources. The consultation process must be completed before a CEQA document can be certified. Under AB 52, lead agencies are required to "begin consultation with a California Native American tribe that is traditionally and culturally affiliated with the geographic area of the proposed project." UC Berkeley will notify the following tribes, as described above: Amah Mutsun Tribal Band of Mission San Juan Bautista; Costanoan Rumsen Carmel Tribe, Guidiville Indian Rancheria, Indian Canyon Mutsun Band of Costanoan, Muwekma Ohlone Indian Tribe of the SF Bay Area, North Valley Yokuts Tribe, The Ohlone Indian Tribe, and The Confederated Villages of Lisjan.

2. Initial Study Checklist

Environmental Factors Potentially Affected

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

☒	Aesthetics	☐	Agriculture and Forestry Resources	☐	Air Quality
☒	Biological Resources	☒	Cultural Resources (Paleontological resources will be analyzed in this section.)	☐	Energy
☐	Geology and Soils	☐	Greenhouse Gas Emissions	☐	Hazards and Hazardous Materials
☐	Hydrology and Water Quality	☐	Land Use and Planning	☐	Mineral Resources
☒	Noise	☐	Population and Housing	☐	Public Services
☐	Recreation	☒	Transportation	☒	Tribal Cultural Resources
☐	Utilities and Service Systems	☒	Wildfire (Wildfire and emergency evacuation impacts associated with hazards and hazardous materials will be analyzed in this section.)	☒	Mandatory Findings of Significance

Determination (To be completed by the Lead Agency)

On the basis of this initial evaluation:

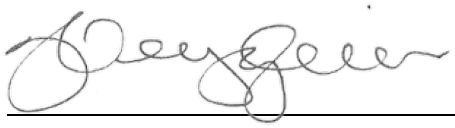
☐ I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.

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

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

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

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



Wendy Hillis, UC Berkeley Campus Architect,
Assistant Vice Chancellor

November 2, 2022

Date

Evaluation of Environmental Impacts

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

2.1 AESTHETICS

Implementation of the project would result in construction and operational activities that could result in potentially significant aesthetic impacts related to scenic vistas, scenic resources, scenic quality, and light and glare. Further analysis is required to determine whether the project could potentially result in significant impacts; therefore, this topic will be analyzed in the pending EIR.

2.2 AGRICULTURE AND FORESTRY RESOURCES

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

2.2.1 ENVIRONMENTAL SETTING

The California Department of Conservation (DOC) Farmland Mapping and Monitoring Program (FMMP) prepares maps and statistical data for analyzing land use impacts on California's agricultural resources. The FMMP categorizes agricultural production potential based on a combination of physical and chemical characteristics of the soil and climate that determine the degree of suitability of the land for crop production. The project site is designated as Urban and Built-Up Land by the FMMP (DOC 2016). There are no lands designated or zoned for agricultural use on or adjacent to the project site.

The California Land Conservation Act (Williamson Act) recognizes the importance of agricultural land and includes provisions to protect and ensure the orderly conservation of agricultural land. However, the project site and surrounding lands are not enrolled in a Williamson Act Contract (Alameda County Assessor's Office 2022).

According to the U.S. Department of Agriculture (USDA) Forest Inventory and Analysis (USDA 2007a, 2007b), no forest or timberlands are present on or adjacent to the project site.

2.2.2 DISCUSSION

a) Would the project convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use? (No Impact)

The project site is not located in an area designated as Prime Farmland, Unique Farmland, or Farmland of Statewide Importance by the FMMP. Therefore, the proposed project would not convert farmland to a non-agricultural use, and there would be no impact.

b) Would the project conflict with existing zoning for agricultural use, or a Williamson Act contract? (No Impact)

The project site and wooded slope to the south of the site are zoned high density residential (R-5) (City of Berkeley 1999). No land zoned for agricultural use or enrolled in a Williamson Act contract is located on or near the project site; therefore, the project would have no impact on agricultural zoning or Williamson Act contracts.

c) Would the project conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))? (No Impact)

and

d) Would the project result in the loss of forest land or conversion of forest land to non-forest use? (No Impact)

While the slope to the south of the project site is wooded, this land is not designated for forest land uses. As there is no forest land or timberland located on or near the project site, the proposed project would not conflict with land zoned as forest land or timberland or result in the conversion of forest land to non-forest use, and no impact would occur.

e) Would the project involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use? (No Impact)

No farmland, agricultural resources, or forest land resources exist within or adjacent to the project site. Therefore, the proposed project would not involve changes in the existing environment that would result in the conversion of farmland to non-agricultural use or conversion of forest land to non-forest use. No impact would occur.

Consequently, there would be no impacts regarding agriculture and forestry resources and this issue will not be discussed in the pending EIR.

2.3 AIR QUALITY

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

2.3.1 ENVIRONMENTAL SETTING

The project is located in the San Francisco Bay Area Air Basin (SFBAAB), which is under the jurisdiction of the Bay Area Air Quality Management District (BAAQMD). In June 2010, the BAAQMD adopted thresholds of significance to assist lead agencies in the evaluation and mitigation of air quality impacts under CEQA. The BAAQMD CEQA Air Quality Guidelines were re-released in May 2017 and include the same thresholds as in the 2010 Guidelines for criteria air pollutants, toxic air contaminants (TACs), and greenhouse gases (GHGs) (BAAQMD 2017a). The Guidelines also address the December 2015 Supreme Court's opinion (*California Building Industry Association v. Bay Area Air Quality Management District* (2015) 62 Cal. 4th 369). The BAAQMD has initiated an update to the CEQA Air Quality Guidelines to reflect new or revised requirements in the State CEQA Guidelines, recent court decisions, improved analytical methodologies, and new mitigation strategies. The BAAQMD intends to review current thresholds of significance criteria and establish new significance criteria where needed.[3] The current BAAQMD air quality significance thresholds are summarized in Table 2.3-1.

In general, the BAAQMD significance thresholds for reactive organic gases (ROG), oxides of nitrogen (NO_x), particulate matter with an aerodynamic resistance diameter of 10 micrometers or less (PM_{10}), particulate matter with an aerodynamic resistance diameter of 2.5 micrometers or less ($PM_{2.5}$), and carbon monoxide (CO) address the first two air quality significance criteria incorporated in the Initial Study checklist questions above. According to the BAAQMD, these thresholds are intended to maintain ambient air quality concentrations of these criteria air pollutants below state and federal standards and to prevent a cumulatively considerable contribution to regional nonattainment with ambient air quality standards. The TAC thresholds (cancer and noncancer risks) and local CO thresholds address the third significance criterion incorporated in the Initial Study checklist questions, and the BAAQMD odors threshold addresses the fourth.

[3] Notably, the BAAQMD adopted updated thresholds of significance for GHGs on April 20, 2022.

TABLE 2.3-1. THRESHOLDS OF SIGNIFICANCE

Pollutant	Construction Thresholds	Operational Thresholds	
	Average Daily Emissions (lbs/day)	Average Daily Emissions (lbs/day)	Maximum Annual Emissions (tons/year)
ROG	54	54	10
NO_x	54	54	10
PM_{10}	82 (exhaust)	82	15
$PM_{2.5}$	54 (exhaust)	54	10
$PM_{10}/PM_{2.5}$ (fugitive dust)	Best Management Practices	None	
Local CO	None	9.0 ppm (8-hour average, 20.0 ppm (1-hour average)	
Risks and Hazards (Individual Project)	Compliance with Qualified Community Risk Reduction Plan or Increased cancer risk of >10.0 in a million Increased noncancer risk of >1.0 Hazard Index (Chronic or Acute) Ambient $PM_{2.5}$ increase >0.3 µg/m³ annual average Zone of Influence: 1,000-foot radius from property line of source or receptor		
Risks and Hazards (Cumulative)	Compliance with Qualified Community Risk Reduction Plan or Cancer risk of >100 in a million (from all local sources) Noncancer risk of >10.0 Hazard Index (chronic, from all local sources) Ambient $PM_{2.5}$ >0.8 µg/m³ annual average (from all local sources) Zone of Influence: 1,000-foot radius from property line of source or receptor		
Accidental Release of Acutely Hazardous Air Pollutants	None	Storage or use of acutely hazardous material located near receptors or new receptors located near stored or used acutely hazardous materials considered significant	
Odors	None	Five confirmed complaints to BAAQMD per year averaged over 3 years	

Source: BAAQMD 2017a.
Notes: lbs/day = pounds per day; tons/year = tons per year; ppm = parts per million; µg/m³ = micrograms per cubic meter; ROG = reactive organic gases; NO_x = oxides of nitrogen; PM_{10} = particulate matter with an aerodynamic resistance diameter of 10 micrometers or less; $PM_{2.5}$ = fine particulate matter with an aerodynamic resistance diameter of 2.5 micrometers or less; CO = carbon monoxide

2.3.2 DISCUSSION

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

An area is designated as "in attainment" when it is in compliance with the federal and/or state standards. These standards are set by the U.S. Environmental Protection Agency (EPA) or California Air Resources Board (CARB) for the maximum level of a given air pollutant that can exist in the outdoor air without unacceptable effects on human health or public welfare with a margin of safety. The SFBAAB is designated non-attainment for the federal 8-hour O_3 and 24-hour $PM_{2.5}$ standards. The area is in attainment or unclassified for all other federal standards. The area is designated non-attainment for state standards for 1-hour and 8-hour O_3, 24-hour PM_{10}, annual PM_{10}, and annual $PM_{2.5}$.

On April 19, 2017, the BAAQMD adopted the *Spare the Air: Cool the Climate Final 2017 Clean Air Plan* (BAAQMD 2017b). The 2017 Clean Air Plan provides a regional strategy to protect public health and protect the climate. To protect public health, the 2017 Clean Air Plan includes all feasible measures to reduce emissions of O_3 precursors (ROG and NO_x) and reduce O_3 transport to neighboring air basins. In addition, the 2017 Clean Air Plan builds upon the BAAQMD efforts to reduce fine particulate matter (PM) and TACs. To protect the climate, the plan defines a vision for transitioning the region to a post-carbon economy needed to achieve ambitious GHG reduction targets for 2030 and 2050, and provides a regional climate protection strategy that will put the Bay Area on a pathway to achieve those GHG reduction targets.

The BAAQMD Guidelines identify a three-step methodology for determining a project's consistency with the current Clean Air Plan. If the responses to these three questions can be concluded in the affirmative and those conclusions are supported by substantial evidence, then the BAAQMD considers the project to be consistent with air quality plans prepared for the Bay Area. The three questions in the three-step methodology are as follows and are responded to below:

- "Does the project support the goals of the Air Quality Plan"?
- "Does the project include applicable control measures from the Clean Air Plan?"
- "Does the project disrupt or hinder implementation of any control measures from the Clean Air Plan?"

The BAAQMD-recommended measure for determining project support for the 2017 Air Quality Plan goals is consistency with BAAQMD thresholds of significance. If a project would not result in significant and unavoidable air quality impacts, after the application of all feasible mitigation measures, the project would be consistent with the goals of the 2017 Clean Air Plan. As indicated in the following discussion regarding air quality impact question (b) below, the project would result in less-than-significant construction and operational emissions and would not result in long-term adverse air quality impacts. Therefore, the project would be considered to support the primary goals of the 2017 Clean Air Plan and is consistent with the current Clean Air Plan.

The 2017 Clean Air Plan contains 85 control measures aimed at reducing air pollution in the Bay Area. Projects that incorporate all feasible air quality plan control measures are considered consistent with the Clean Air Plan. The control strategies of the 2017 Clean Air Plan include measures in the categories of stationary sources, the transportation sector, the buildings sector, the energy sector, the agriculture sector, natural and working lands, the waste sector, the water sector, and super-GHG pollutant measures. Depending on the control measure, the tools for implementation include leveraging the BAAQMD rules and permitting authority, regional coordination and funding, working with local governments to facilitate best policies in building codes, outreach and education, and advocacy strategies. As described in Section 1, Item 7, the proposed project would be required to meet the energy efficiency and green facility standards of the University of California Sustainable Practices Policy, the UC Berkeley Energy Use Policy, and the UC Berkeley Campus Design Standards. At a minimum, the project would be designed and constructed to the U.S. Green Building Council's LEED BD+C Silver Certification. "Green" facility measures in the proposed structure would include low-emitting adhesives, sealants, composite wood, agrifiber products, paints, and coatings; Forest Stewardship Council-certified wood; and low-flow plumbing fixtures. The project would implement a high thermal performance envelope, lighting-power density reduction, variable-frequency drives for all motors, heat recovery systems, and high-efficiency mechanical equipment. In general, lighting would be controlled by a networkable lighting control system with a built-in time clock and local overrides. Furthermore, since the proposed project would comply with all applicable BAAQMD rules and would meet state and federal standards and/or local building codes, the project would not conflict with any applicable control measures from the 2017 Clean Air Plan.

Examples of how a project may cause the disruption or delay of control measures include a project that precludes an extension of a transit line or bike path or proposes excessive parking beyond parking requirements. The project would not create any barriers or impediments to planned or future improvements to transit or bicycle facilities in the area, nor would it include any new parking. Therefore, the project would not hinder implementation of 2017 Clean Air Plan control measures.

In summary, the responses to all three of the questions with regard to Clean Air Plan consistency are affirmative and the project would not conflict with or obstruct implementation of the 2017 Clean Air Plan and therefore the impact is less than significant.

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

The California Emissions Estimator Model (CalEEMod) Version 2020.4.0 was used to estimate emissions from construction and operation of the proposed project (see Appendix A-1). CalEEMod is a statewide computer model developed in cooperation with air districts throughout the state to quantify criteria air pollutant and GHG emissions associated with the construction and operational activities from a variety of land use projects, such as educational, residential, recreational, commercial, and industrial facilities. CalEEMod input parameters, including the proposed project land use type and size and construction schedule were based on information provided by UC Berkeley, or default model assumptions if project specifics were unavailable.

Additionally, as part of the proposed project, UC Berkeley would implement CBPs listed here, where relevant:

- CBP AIR-1: UC Berkeley will continue to implement the same or equivalent transportation programs as currently exist, that strive to reduce the use of single-occupant and/or GHG emitting (internal combustion engine) vehicles by students, staff, faculty, and visitors to the UC Berkeley campus.
- CBP AIR-2: UC Berkeley will continue to comply with the current BAAQMD basic control measures for fugitive dust control. The requirement to comply with the basic control measures will be identified in construction bids. The BAAQMD's current basic control measures include:
  - Water all active construction areas at least twice daily, or as often as needed to control dust emissions. Watering should be sufficient to prevent airborne dust from leaving the site. Increased watering frequency may be necessary whenever wind speeds exceed 15 miles per hour. Reclaimed water will be used whenever possible.
  - Pave, apply water twice daily or as often as necessary to control dust, or apply (nontoxic) soil stabilizers on all unpaved access roads, parking areas, and staging areas at construction sites.
  - Cover all trucks hauling soil, sand, and other loose materials or require all trucks to maintain at least two feet of freeboard (i.e., the minimum required space between the top of the load and the top of the trailer).
  - Sweep daily (with water sweepers using reclaimed water if possible) or as often as needed all paved access roads, parking areas and staging areas at the construction site to control dust.
  - Sweep public streets daily (with water sweepers using reclaimed water if possible) in the vicinity of the project site, or as often as needed, to keep streets free of visible soil material.
  - Hydroseed or apply nontoxic soil stabilizers to inactive construction areas.
  - Enclose, cover, water twice daily, or apply nontoxic soil binders to exposed stockpiles (dirt, sand, etc.
  - Limit vehicle traffic speeds on unpaved roads to 15 miles per hour.
  - Replant vegetation in disturbed areas as quickly as possible.

- **CBP AIR-3:** UC Berkeley will continue to implement the following control measures to reduce emissions of diesel particulate matter and ozone precursors from construction equipment exhaust:
  - Equipment will be properly serviced and maintained in accordance with the manufacturer's recommendations.
  - Construction contractors will also ensure that all nonessential idling of construction equipment is restricted to five minutes or less, in compliance with Section 2449 of the California Code of Regulations, Title 13, Article 4.8, Chapter 9.

Construction

Overall, construction of the proposed project is anticipated to occur over approximately 10 months starting in the summer or fall of 2023. Sources of emissions would include off-road construction equipment exhaust, on-road vehicles exhaust and entrained road dust, fugitive dust associated with site preparation and grading activities, paving activities, and architectural coatings. Detailed assumptions associated with project construction are included in Appendix A-1 to this Initial Study.

Average daily emissions were computed by dividing the total construction emissions by the number of active construction days, which were then compared to the BAAQMD construction thresholds of significance. Table 2.3-2 shows average daily construction emissions of O_3 precursors (ROG and NO_x), PM_{10} exhaust, and $PM_{2.5}$ exhaust during project construction.[4]

TABLE 2.3-2. AVERAGE DAILY UNMITIGATED CONSTRUCTION EMISSIONS

Year	ROG	NO_x	PM_{10} Exhaust	$PM_{2.5}$ Exhaust
	Pounds per Day			
2023 – 2024 Construction	3.82	5.04	0.16	0.16
BAAQMD Construction Thresholds	*54*	*54*	*82*	*54*
Exceed Threshold?	**No**	**No**	**No**	**No**

Source: Appendix A-1.
Notes: ROG = reactive organic gases; NOx = oxides of nitrogen; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter
The values shown are average daily emissions based on total overall tons of construction emissions, converted to pounds, and divided by 217 active workdays. Emissions are based on the "mitigated" CalEEMod output; however, incorporation of Tier 4 equipment is part of the project and is not considered mitigation.

As shown in Table 2.3-2, construction of the proposed project, including implementation of the construction CBPs above, would not exceed BAAQMD significance thresholds. Impacts associated with criteria air pollutant emissions during construction would be less than significant.

Operations

Operation of the project would generate criteria pollutant (including ROG, NO_x, PM_{10}, and $PM_{2.5}$) emissions from mobile sources (vehicular traffic), and area sources (consumer products, architectural coatings, and landscaping equipment). To assess the worst-case scenario for criteria air pollutants, CalEEMod was used to estimate daily emissions associated with the average event day (net increase of 316 daily vehicle trips). This net increase in vehicle trips would only occur during the 25 game events, as presented in Section 1,

[4] Fuel combustion during construction and operations would also result in the generation of sulfur dioxide (SO_2) and CO. These values are included in Appendix A-1. However, since the SFBAAB is in attainment of these pollutants, the BAAQMD has not established a quantitative mass-significance threshold for comparison and are not included in the project-generated emissions tables in this document. Notably, the BAAQMD does have screening criteria for operational localized CO, which are discussed in more detail under air quality impact question (c).

Item 7 of this Initial Study. Annual average emissions, which factored in trip generation for both the typical weekday use and up to 30 average events, were modeled to provide a conservative estimate of operational criteria air pollutant emissions for the project. Maximum day and annual average emissions associated with the project are summarized in Tables 2.3-3 and 2.3-4 and compared to the respective BAAQMD operational thresholds. Given that existing information about most source emissions for the existing softball field were not readily available, Tables 2.3-3 and 2.3-4 do not reflect the net increase with the project in most instances, except for mobile source emissions. Appendix A-1 provides the modeling results reflected in Tables 2.3-3 and 2.3-4.

TABLE 2.3-3. MAXIMUM DAILY UNMITIGATED OPERATIONAL CRITERIA AIR POLLUTANT EMISSIONS

Source	ROG	NO_x	PM_{10}	$PM_{2.5}$
	Pounds per Day[1]			
Area	1.47	<0.01	<0.01	<0.01
Energy	0.00	0.00	0.00	0.00
Mobile	0.77	0.88	1.43	0.39
Total	**2.24**	**0.88**	**1.43**	**0.39**
BAAQMD Operational Thresholds	*54*	*54*	*82*	*54*
Exceed Threshold?	**No**	**No**	**No**	**No**

Source: Appendix A-1.
Notes: ROG = reactive organic gases; NO_x = oxides of nitrogen; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; BAAQMD = Bay Area Air Quality Management District
The values shown are the maximum summer or winter daily emissions results from CalEEMod.

<0.01 = value is less than 0.01 pounds per day.

TABLE 2.3-4. ANNUAL AVERAGE UNMITIGATED OPERATIONAL CRITERIA AIR POLLUTANT EMISSIONS

Source	ROG	NO_x	PM_{10}	$PM_{2.5}$
	Tons per Year[1]			
Area	0.27	<0.01	0.00	0.00
Energy	0.00	0.00	0.00	0.00
Mobile	0.01	0.01	0.02	0.01
Total	**0.28**	**0.01**	**0.02**	**0.01**
BAAQMD Operational Thresholds	*10*	*10*	*15*	*10*
Exceed Threshold?	**No**	**No**	**No**	**No**

Source: Appendix A-1.
Notes: ROG = reactive organic gases; NO_x = oxides of nitrogen; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; BAAQMD = Bay Area Air Quality Management District

<0.01 = value is less than 0.01 tons per year.

As indicated in Tables 2.3-3 and 2.3-4, the increase in operational emissions of ROG, NO_x, PM_{10}, and $PM_{2.5}$ resulting from development of the proposed project would be minimal and would not exceed the daily or annual BAAQMD significance thresholds. Therefore, project impacts associated with regional operational emissions of criteria air pollutants would be less than significant.

c) Would the project expose sensitive receptors to substantial pollutant concentrations? (Less than Significant)

Some land uses are considered more sensitive to air pollution than others due to the types of population groups or activities involved. Children, pregnant women, older adults, and people with existing health problems are especially vulnerable to the effects of air pollution. Accordingly, land uses where sensitive-receptor population groups are likely to be located include hospitals, medical clinics, schools, playgrounds,

childcare centers, residences, and retirement homes (BAAQMD 2017a). The nearest existing residences are directly south of the project site.

Toxic Air Contaminants

TACs are defined as substances that may cause or contribute to an increase in deaths or in serious illness, or that may pose a present or potential hazard to human health. Health effects from carcinogenic air toxics are usually described in terms of cancer risk. BAAQMD recommends an incremental cancer risk threshold of 10 in 1 million. "Incremental cancer risk" is the net increased likelihood that a person continuously exposed to concentrations of TACs resulting from a project over a specified exposure period will contract cancer based on the use of standard California Office of Environmental Health Hazard Assessment risk-assessment methodology (OEHHA 2015). In addition, some TACs have non-carcinogenic effects. BAAQMD recommends a Hazard Index of 1 or more for acute (short-term) and chronic (long-term) non-carcinogenic effects.[5]

The TAC that would potentially be emitted during construction activities associated with development of the project would be diesel particulate matter (DPM). Project construction activities would produce DPM (with $PM_{2.5}$ exhaust modeled as surrogate) and $PM_{2.5}$ fugitive dust emissions. These emissions could result in elevated concentrations of DPM and $PM_{2.5}$ at nearby receptors, which could lead to an increase in the risk of cancer or other health impacts. Consequently, a health risk assessment (HRA) was performed to determine the extent of increased cancer risks and hazard indices at proximate sensitive receptors. The detailed HRA is included as Appendix A-2, with results summarized below.

The maximally exposed receptor would be the nearest off-site existing residence to the south of the project boundary, along Canyon Road. Table 2.3-5 shows the potential health risk at the maximally exposed individual residence (MEIR) as a result of project construction.

TABLE 2.3-5. CONSTRUCTION-RELATED HEALTH RISK RESULTS

Receptor	Cancer Risk (persons per million)	Chronic Impact	$PM_{2.5}$ Concentration ($\mu g/m^3$)
Maximally Exposed Individual Resident[1,2]	1.05	0.0019	0.012
BAAQMD Operational Thresholds	*10*	*1.0*	*0.3*
Exceed Threshold?	**No**	**No**	**No**

Source: Appendix A-2.
Notes: $PM_{2.5}$ = fine particulate matter; $\mu g/m^3$ = micrograms per cubic meter; MEIR = maximally exposed individual resident; BAAQMD = Bay Area Air Quality Management District; AERMOD = American Meteorological Society/Environmental Protection Agency Regulatory Model; HARP2 = Hotspots Analysis and Reporting Program Version 2; UTM = Universal Transverse Mercator.
Diesel exhaust exposure at proximate receptors was modeled with AERMOD, and then input into HARP2 to generate health risk estimates. Construction diesel particulate exposure was assumed to begin in the third trimester of pregnancy for a duration of 0.6 years of active construction. The total $PM_{2.5}$ concentrations include both exhaust and fugitive dust.

1. The MEIR for health risk impacts is directly south of the project at UTM coordinates 566170.46 meters Easting (m E)/ 4191774.22 meters Northing (m N).
2. Risk values are based on the "mitigated" CalEEMod emissions output; however, incorporation of Tier 4 equipment and fugitive dust controls are part of the project and are not considered mitigation.

As shown in Table 2.3-5, the incremental cancer risk at the MEIR of 1 in 1 million (assuming exposure starts in third trimester of pregnancy) from project construction would not exceed the BAAQMD threshold of 10 in 1 million. The chronic hazard index would be 0.0019 at the MEIR, which would be below the BAAQMD threshold of 1.0. The maximum annual $PM_{2.5}$ concentration would be 0.012 micrograms per cubic meter

[5] Non-cancer adverse health risks are measured against a hazard index, which is defined as the ratio of the predicted incremental exposure concentrations of the various non-carcinogens from the proposed project to published reference exposure levels that can cause adverse health effects.

at the MEIR, which would be below the BAAQMD threshold of 0.3 micrograms per cubic meter. Based on the preceding considerations, potential health risk impacts associated with proposed project construction would be less than significant.

Regarding operations, since the proposed project would consist of softball field improvements, the project would not result in new sources of TACs that could expose sensitive receptors to substantial concentrations. Operational health risk impacts with the proposed project would be less than significant.

Health Impacts of Criteria Air Pollutants

Construction of the proposed project would generate minimal criteria air pollutant emissions and would not exceed the BAAQMD mass-emission thresholds, as indicated in air quality impact question (b) above. The SFBAAB is designated as nonattainment for O_3 for the NAAQS and CAAQS. Thus, existing O_3 levels in the SFBAAB are at unhealthy levels during certain periods. The health effects associated with O_3 generally result in reduced lung function. Because the proposed project would not involve activities that would result in O_3 precursor emissions (i.e., ROG or NO_X) that would exceed the BAAQMD thresholds, as shown in Tables 2.3-2 through 2.3-4, the project is not anticipated to substantially contribute to regional O_3 concentrations and their associated health impacts during construction or operations.

In addition to O_3, NO_x emissions contribute to potential exceedances of the NAAQS and CAAQS for NO_2.[6] Exposure to NO_2 can irritate the lungs, cause bronchitis and pneumonia, and lower resistance to respiratory infections. As shown in Tables 2.3-2 through 2.3-4, neither construction nor operation of the project would exceed the BAAQMD threshold for NO_x. Thus, the proposed project is not expected to result in exceedances of the NO_2 standards or contribute to associated health effects.

CO tends to be a localized impact associated with congested intersections. In terms of adverse health effects, CO competes with oxygen, often replacing it in the blood, thereby reducing the blood's ability to transport oxygen to vital organs. The results of excess CO exposure can include dizziness, fatigue, and impairment of central nervous system functions. According to the BAAQMD thresholds, a project would result in a less-than-significant impact related to localized CO concentrations if the following screening criteria are met:

1. The project is consistent with an applicable congestion management program established by the county congestion management agency for designated roads or highways, regional transportation plan, and local congestion management agency plans.
2. The project traffic would not increase traffic volumes at affected intersections to more than 44,000 vehicles per hour.
3. The project traffic would not increase traffic volumes at affected intersections to more than 24,000 vehicles per hour where vertical and/or horizontal mixing is substantially limited (e.g., tunnel, parking garage, bridge underpass, natural or urban street canyon, below-grade roadway).

The proposed project would generate minimal traffic and would comply with the BAAQMD screening criteria. Accordingly, project-related traffic would not exceed CO standards and therefore, no further analysis was conducted for CO impacts. This CO emissions impact would be considered less than significant on a project-level and cumulative basis. Thus, the project's CO emissions would not contribute to the health effects associated with this pollutant.

[6] NO_2 is a constituent of NO_x.

Particulate matter contains microscopic solids or liquid droplets that are so small that they can be transmitted into the lungs and cause serious health problems. Health effects associated with PM_{10} include premature death and hospitalization, primarily for worsening of respiratory disease. As shown in Tables 2.3-2 through 2.3-4, the proposed project would not generate emissions of PM_{10} or $PM_{2.5}$ that would exceed the BAAQMD's thresholds. As such, the proposed project would not contribute to exceedances of the NAAQS and CAAQS for particulate matter or obstruct the SFBAAB from coming into attainment for these pollutants. Accordingly, the proposed project's PM_{10} and $PM_{2.5}$ emissions are not expected to cause an increase in related health effects for this pollutant.

In summary, the proposed project would not cause a potentially significant contribution to concentrations of nonattainment pollutants and would not result in a significant contribution to the adverse health impacts associated with those pollutants. Therefore, impacts would be less than significant.

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

The occurrence and severity of potential odor impacts depends on numerous factors. The nature, frequency, and intensity of the source; the wind speeds and direction; and the sensitivity of receiving location each contribute to the intensity of the impact. Although offensive odors seldom cause physical harm, they can be annoying and cause distress among the public and generate citizen complaints. BAAQMD has identified typical sources of odor in the CEQA Air Quality Guidelines, a few examples of which include manufacturing plants, rendering plants, coffee roasters, wastewater treatment plants, sanitary landfills, and solid waste transfer stations (BAAQMD 2017a). The proposed project would not include uses that have been identified by BAAQMD as potential sources of objectionable odors. Potential odor impacts would be less than significant.

Consequently, impacts related to air quality would be less than significant and therefore will not be discussed in the pending EIR.

2.4 BIOLOGICAL RESOURCES

Implementation of the project would result in construction and operational activities that could result in potentially significant impacts to biological resources related to special-status species, sensitive habitats, wetlands and waters, wildlife movement, and policies and plans for the protection of biological resources. Further analysis is required to determine whether the project could potentially result in significant impacts; therefore, this topic will be analyzed further in the pending EIR.

2.5 CULTURAL RESOURCES

Implementation of the project would result in construction activities that could result in potentially significant cultural resource impacts related to historic resources, archaeological resources, and human remains. Further analysis is required to determine whether the project could potentially result in significant impacts; therefore, this topic will be analyzed further in the pending EIR.

2.6 ENERGY

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

2.6.1 ENVIRONMENTAL SETTING

Energy infrastructure on the UC Berkeley campus consists of several interconnected systems: electricity and natural gas are provided by Pacific Gas and Electric Company (PG&E), and power to some sites is provided by East Bay Community Energy (EBCE) and the University of California wholesale power program; on-campus PV arrays; in-building chillers; a cogeneration plant on the Campus Park producing steam and electricity that is powered by natural gas; and a steam plant on the Clark Kerr Campus. The Campus Park's cogeneration plant consists of a 125 pounds per square inch gauge (psig) steam distribution infrastructure servicing approximately 120 UC Berkeley buildings and providing approximately 90 percent of the electricity and 100 percent of the steam needs for the Campus Park. In addition, five rooftop PV systems and one canopy PV system operated by UC Berkeley provide approximately 1,386,131 kilowatt-hour (kWh) per year of renewable electricity (UC Berkeley 2021c). Furthermore, the UC Berkeley Sustainability Plan provides structure to articulate the vision, goals, and strategies to become more sustainable and align with systemwide UC Sustainable Practices Policy which requires UC Berkeley to obtain 100% clean electricity by 2025 (UC Berkeley 2020). Energy consumption and potential impacts associated with construction and operation of the proposed project are assessed below, in accordance with the guidance presented in Appendix F of the CEQA Guidelines, as applicable.

2.6.2 DISCUSSION

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

At a minimum, the proposed project would be designed and constructed to the LEED Silver Certification. Additionally, as part of the proposed project and to reduce energy consumption, UC Berkeley would implement CBPs listed here, where relevant:

- **CBP AIR-1:** UC Berkeley will continue to implement the same or equivalent transportation programs as currently exist, that strive to reduce the use of single-occupant and/or greenhouse gas emitting (internal combustion engine) vehicles by students, staff, faculty, and visitors to the UC Berkeley campus.
- **CBP USS-3:** UC Berkeley will continue to incorporate specific water conservation measures into project design to reduce water consumption and wastewater generation. This could include the use of special air-flow aerators, water-saving shower heads, flush cycle reducers, low-volume toilets, weather-based or evapotranspiration irrigation controllers, drip irrigation systems, and the use of

drought resistant plantings in landscaped areas, and collaboration with the East Bay Municipal Utility District to explore suitable uses of recycled water.

- **CBP TRAN-1:** UC Berkeley will implement bicycle, pedestrian, and transit access and circulation improvements as part of new building projects, major renovations, and landscape projects. Improvements will address the goal of increasing non-vehicular commuting and safety; improving access from adjacent campus or city streets and public transit; reducing multi-modal conflict; providing bicycle parking; and providing commuter amenities.

An analysis of construction and operational energy impacts is provided below.

Construction

Electricity. The amount of electricity used during construction would be minimal because typical demand would be generated by any electrically powered hand tools. The electricity used for construction activities would be temporary and minimal; therefore, project construction would not result in wasteful, inefficient, or unnecessary consumption of electricity.

Natural Gas. Natural gas is not anticipated to be required during construction of the proposed project. Fuels used for construction would primarily consist of diesel and gasoline, which are discussed below. Any minor amounts of natural gas that may be consumed as a result of project construction would be temporary and negligible and would not have an adverse effect; therefore, project construction would not result in wasteful, inefficient, or unnecessary consumption of natural gas.

Petroleum. The primary energy consumed during construction would be associated with petroleum usage. Potential impacts were assessed for off-road equipment and on-road vehicle trips during construction, as provided by the CalEEMod outputs (see Appendix A-1). Heavy-duty equipment associated with construction would rely on diesel fuel, as would vendor trucks involved in delivery of materials to the project site and haul trucks. Construction workers would travel to and from the project site throughout the duration of construction. It is assumed in this analysis that construction workers would travel in gasoline-powered light-duty vehicles. Fuel consumption from construction equipment and vehicle trips was estimated by converting the total carbon dioxide (CO_2) emissions anticipated to be generated by the construction of the proposed project to gallons using conversion factors for CO_2 to gallons of gasoline or diesel. The conversion factor for gasoline is 8.78 kilograms per metric ton (MT) CO_2 per gallon, and the conversion factor for diesel is 10.21 kilograms per MT CO_2 per gallon (The Climate Registry 2021). Appendix A-1 lists the estimated equipment usage and vehicle trips for construction of each phase of the project development.

The estimated diesel fuel usage from construction equipment, haul trucks, and vendor trucks, as well as estimated gasoline fuel usage from worker vehicles is shown in Table 2.6-1.

TABLE 2.6-1. PROJECT CONSTRUCTION PETROLEUM DEMAND

Phase	Off-Road Equipment (diesel)	Haul Trucks (diesel)	Vendor Trucks (diesel)	Worker Vehicles (gasoline)
	Gallons			
Construction	20,886.92	935.96	2,869.91	2,887.96
			Total Petroleum Consumed	27,580.76

Notes: See Appendix A-1 for details on estimated equipment usage and vehicle trips for construction of each phase of project development.

As shown in Table 2.6-1, the proposed project is estimated to consume approximately 27,581 gallons of petroleum during the construction phase. Notably, the proposed project will be subject to CARB's In-Use Off-Road Diesel Vehicle Regulation that applies to certain off-road diesel engines, vehicles, or equipment greater than 25 horsepower. The regulation: (1) imposes limits on idling, requires a written idling policy, and requires a disclosure when selling vehicles, (2) requires all vehicles to be reported to CARB (using the Diesel Off-Road Online Reporting System) and labeled, (3) restricts the adding of older vehicles into fleets starting on January 1, 2014, and (4) requires fleets to reduce their emissions by retiring, replacing, or repowering older engines, or installing Verified Diesel Emission Control Strategies (i.e., exhaust retrofits). The fleet must either show that its fleet average index was less than or equal to the calculated fleet average target rate, or that the fleet has met the Best Achievable Control Technology (BACT) requirements.

Operations

Electricity. Operation of the proposed project would require electricity for multiple purposes including building heating, lighting (i.e., building and pole lights), appliances, electronics, the score board, sports equipment (e.g., batting cages) and for water and wastewater treatment and conveyance. Default assumptions in CalEEMod were used if project-specific information was not available. Notably, electricity for the scoreboard was estimated by scaling electricity demand for a representative board, based on the size and anticipated annual usage. Anticipated electricity demand for project operations is depicted in Table 2.6-2. Given that existing electricity demand for the existing field was not readily available, Table 2.6-2 does not reflect the net increase with the project, but rather total project demand.

TABLE 2.6-2. ANNUAL OPERATIONAL ELECTRICITY DEMAND

Softball Field Project Components	kWh/year
Project Building, Lighting, and Scoreboard	489,939.50
Water/Wastewater	23,092.18
Total	**513,031.68**

Source: Appendix A-1.
Notes: kWh = kilowatt-hour.

Natural Gas. No natural gas infrastructure would serve the project site. The project would not require natural gas for project operations.

Petroleum. During operations, fuel consumption resulting from the proposed project would result from the use of motor vehicles traveling to and from the project site. Petroleum fuel consumption associated with motor vehicles traveling to and from the project site is a function of the vehicle miles traveled (VMT) as a result of project operation. The proportion of gasoline and diesel vehicles is based on the weighted average of vehicles per fuel type from EMFAC2017 and the CalEEMod default fleet mix for the proposed uses. Fuel estimates for the net increase in project trips are provided in Table 2.6-3.

TABLE 2.6-3. NET INCREASE IN ANNUAL OPERATIONAL PETROLEUM DEMAND

Fuel	Vehicle MT CO_2	Kg CO_2/ Gallon	Gallons
Gasoline	18.27	8.78	2,081.09
Diesel	0.98	10.21	96.07
		Total Project Petroleum Use	**2,177.16**

Sources: Trips and vehicle CO_2 (Appendix A-1); kg CO_2/Gallon (The Climate Registry 2021).
Notes: MT = metric ton; CO_2 = carbon dioxide; kg = kilogram.

Conclusions

Overall, because the proposed project would not be unusual as compared to overall local and regional demand for energy resources, would not involve characteristics that require equipment or vehicles that would be less energy-efficient than at comparable sites in the region or state, and would include a game-day TDM plan encouraging transit and shuttle use, the proposed project would not result in wasteful, inefficient, or unnecessary consumption of energy resources during construction or operations. Therefore, project-related construction and operational energy impacts would be less than significant.

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

Based upon its constitutional autonomy, UC Berkeley is not subject to local regulations related to energy usage. However, it is subject to State regulations and plans. Title 24 of the California Code of Regulations contains energy efficiency standards for residential and non-residential buildings based on a state mandate to reduce California's energy demand. Specifically, Title 24 addresses energy efficiency measures that impact energy used for lighting, water heating, heating, and air conditioning, including the energy impact of the building envelope such as windows, doors, wall/floor/ceiling assemblies, and roofs. Part 6 of Title 24 specifically establishes energy efficiency standards for residential and non-residential buildings constructed in the State of California to reduce energy demand and consumption. Part 11 of Title 24 also includes the CALGreen standards, which established mandatory minimum environmental performance standards for new construction projects. The proposed project would comply with Title 24, Part 6 and Part 11, per state regulations. The proposed project would also be required to meet the green facility standards in the UC Sustainable Practices Policy, the UC Berkeley Energy Use Policy, and the UC Berkeley Campus Design Standards, including being constructed to LEED Silver Certification at a minimum. Based on the foregoing, the proposed project would not conflict with or obstruct a state or local plan for renewable energy or energy efficiency; therefore, impacts during construction and operation of the project would be less than significant.

Consequently, impacts related to energy would be less than significant and therefore will not be discussed in the pending EIR.

2.7 GEOLOGY AND SOILS

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
VII. GEOLOGY AND SOILS – Would the project:				
a) Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:				
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	☐	☐	☒	☐
ii) Strong seismic ground shaking?	☐	☐	☒	☐

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
iii) Seismic-related ground failure, including liquefaction?	☐	☐	☒	☐
iv) Landslides?	☐	☐	☒	☐
b) Result in substantial soil erosion or the loss of topsoil?	☐	☐	☒	☐
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	☐	☐	☒	☐
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?	☐	☐	☒	☐
e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of waste water?	☐	☐	☐	☒
f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	☒	☐	☐	☐

2.7.1 ENVIRONMENTAL SETTING

This section is based on a geotechnical investigation report (A3GEO 2018) prepared for project.

UC Berkeley and the project site are located east of San Francisco Bay in the northern portion of the Coast Ranges geomorphic province. The region is characterized by northwest-trending mountain ranges and valleys that generally parallel the major geologic structures, such as the San Andreas and Hayward faults. The oldest widespread rocks in the region are highly deformed sedimentary and volcanic rocks of the Franciscan Assemblage, formed during the Mesozoic Age (225 million to 65 million years ago). These rocks are in fault contact with similar-age sedimentary rocks of the Mesozoic Age–Great Valley Sequence. The Mesozoic rocks are, in turn, overlaid by a diverse sequence of sedimentary and volcanic rocks from the Tertiary Age (65 million to 1.8 million years ago). Alluvial materials, derived from these bedrock units, have been conveyed by streams draining the East Bay Hills and deposited in a broad alluvial plain. Since the deposition of the bedrock units, the Mesozoic and Tertiary rocks have been extensively deformed by repeated episodes of folding and faulting. In general, upland areas, such as the East Bay Hills, have experienced some tectonic uplift over time, and the adjacent alluvial plains and lowlands have experienced some subsidence (UC Berkeley 2021c).

The project site is located within the East Bay Hills which locally trend southeast-northwest. The East Bay Hills are within an area of active tectonic uplift and young topography between active strands of the San Andreas fault system (e.g., Hayward and Calaveras faults). The seismicity of the San Francisco Bay region is well-recognized, and the East Bay Hills predominantly consist of bedrock that has been faulted, folded, and uplifted by tectonic forces. Uplift and erosional dissection of the East Bay Hills has resulted in a series of valleys/canyons (i.e., Strawberry Creek) that drain to the southwest with intervening steep slopes (LCI 2018). The site lies in Strawberry Canyon, east of the Hayward fault, in an area of Quaternary natural alluvial fan and fluvial deposits. These unconsolidated deposits are underlain by undivided rock of the Great Valley Complex, which are Cretaceous in age (A3GEO 2018).

Within the San Francisco Bay region, the relative motion of the Pacific and North American crustal plates is presently accommodated by a series of active northwest-trending faults that exist over a width of more than 50 miles. Table 2.7-1 lists the major active faults in the region and their proximity to the proposed project.

TABLE 2.7-1. APPROXIMATE DISTANCES AND DIRECTIONS TO PRINCIPAL BAY AREA ACTIVE FAULTS

Fault System	Approximate Distance from Proposed Project	Approximate Direction from Proposed Project
Hayward-Rodgers Creek	800 feet	West-Southwest
Concord-Green Valley	13 miles	East-Northeast
West Napa	17 miles	North-Northeast
San Andreas	19 miles	West-Southwest
San Gregorio	21 miles	West-Southwest
Calaveras	11 miles	East-Southeast
Pleasanton	16 miles	East-Southeast
Greenville – Clayton – Marsh Creek	17 miles	East-Northeast

Source: A3GEO 2018.

As noted in Table 2.7-1, the closest regional active fault to the project site is the Hayward fault. The Hayward-Rodgers Creek fault system is one of the primary active faults in the San Francisco Bay region and overall has the highest probability of generating a large-magnitude earthquake within the next 30 years (A3GEO 2018). The last significant rupture occurred in 1868 along its southern section (LCI 2018). The project site is located approximately 700 feet east of the Alquist-Priolo Earthquake Fault Zone for the Hayward fault (CGS 2022).

The project site overlaps with the liquefaction hazard zone along the western portion of the site and an earthquake-induced landslide zone lies beyond the project site's southern boundary (A3GEO 2018). Liquefaction zones are described as areas where historical occurrence of liquefaction or local geotechnical and ground water conditions indicate a potential for permanent ground displacement. Earthquake-induced landslide zones are defined as areas where previous occurrence of landslide movement, or local topographic, geological, geotechnical and subsurface water conditions indicate potential for ground displacements (A3GEO 2018).

Based on information obtained from the United States Department of Agriculture, Natural Resources Conservation Service Web Soil Survey online database, the 65% of the project site is mapped as Urban land, 20% of the project site is mapped as Maymen-Los Gatos complex with 30 to 75% slopes, and 15% of the project site is mapped as Maymen loam with 30 to 75% slopes (USDA 2022). The Maymen series consists of shallow, somewhat excessively drained soils that formed in residuum of sedimentary rock (USDA 1981). Generally, the soils at the project site consist of an artificial fill topsoil layer (ranging between approximately 2 feet to 38 feet below ground surface, underlain by natural alluvium/colluvium deposits (2 feet to 27 feet BGS) and bedrock of the Great Valley Complex (20 feet to 470 feet BGS) (A3GEO 2018).

Groundwater was not encountered in exploratory borings at the project site during the subsurface geotechnical boring performed by A3GEO. Groundwater was also not encountered in boreholes drilled by Herzog Associates in September 1992 or in boreholes drilled by WCSA around 1959. Groundwater levels can fluctuate significantly with location, season, precipitation, leakage in and out of utilities, and other factors (A3GEO 2018).

When the project site and surroundings were filled as part of the Strawberry Canyon Recreation Area, Strawberry Creek was re-routed into two culverts, known as the Little Inch and the Big Inch. The Big Inch is reportedly a 60- to 72-inch bypass culvert that begins at Strawberry Canyon Dam, up the canyon from the project site. The Little Inch is reportedly 30 or 36 inches (and begins at a drop inlet just above the Haas Clubhouse (A3GEO 2018). The

geotechnical engineer, A3GEO, reviewed readily available information pertaining to the locations of the Big Inch and Little Inch in the vicinity of the project site but was unable to confirm the location of either culvert, as both the Big Inch and Little Inch are shown at various locations on various historic plans.

2.7.2 DISCUSSION

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

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

and

ii) Strong seismic ground shaking? (Less than Significant)

As discussed above, the project site is not within an Alquist-Priolo Earthquake Fault Zone. The active trace of the Hayward fault is located about 800 feet west-southwest of the project site. The geotechnical report anticipates that a large earthquake occurring on the nearby Hayward Fault may result in co-seismic deformations and/or displacement within the project site. The structures proposed as part of the project would comply with the University Policy on Seismic Safety and would incorporate geotechnical recommendations that reduce seismic hazards, including implementing USGS seismic design parameters per the California Building Code, as reported on in the project geotechnical report. Furthermore, they would incorporate the applicable continuing best practices (CBPs) listed in geology and soils impact question (aiii) below. The Strawberry Canyon Fault, located within the project site, is considered inactive (A3GEO 2018). Therefore, impacts related to fault rupture would be less than significant.

iii) Seismic-related ground failure, including liquefaction? (Less than Significant)

As with most areas within the State of California, the project site and surrounding region would be exposed to ground shaking from seismic events on local and regional faults. Given the proximity of the proposed project to the nearest active earthquake fault, strong ground shaking may occur at the project site.

Potential secondary seismic hazards that could affect the proposed project include liquefaction, lateral spreading, seismically induced settlement, and differential compaction. Liquefaction is a phenomenon under which ground shaking can cause soils under groundwater to lose strength and gain mobility (i.e., liquefy) under certain conditions. The soils generally considered most susceptible to liquefaction are sands, silts, and gravels having little or no cohesion; however, cohesive soils (silts and clays) of low plasticity can exhibit generally similar types of behavior. Liquefaction is only a concern where susceptible soils are submerged below groundwater at the time when an earthquake large enough to trigger liquefaction occurs. When unsaturated (i.e., above groundwater) soils that would be susceptible to liquefaction if they were saturated may be subject to seismically induced densification, the principal effect of which is settlement.

Based on the general nature of soils observed in the test borings conducted for the geotechnical investigation at the project site, soils at the site are generally too dense, too clayey, and/or too plastic to liquefy. Further, groundwater was not observed in any of the recent or historic test borings, indicating that the conditions to trigger liquefaction are likely absent. It is possible that isolated lenses and pockets could be susceptible to liquefaction were they to be saturated at the time an earthquake occurred. Similarly, if unsaturated, these materials could be subject to seismically-induced densification. However, given the general conditions observed at the site, the possibility of widespread, large-scale liquefaction settlement is very low (A3GEO 2018). In addition to adhering to all recommendations of the geotechnical investigation prepared for the project including but not limited to a deep foundation, the project would comply with the California Building Code, University of California Seismic Safety Policy, including review by the Seismic Review Committee, and University CBPs here, where relevant:

- **CBP GEO-1:** UC Berkeley will continue to comply with the California Building Code and the University of California Seismic Safety Policy.
- **CBP GEO-2:** Site-specific geotechnical studies will be conducted under the supervision of a California Registered Certified Engineering Geologist or licensed geotechnical engineer and UC Berkeley will incorporate recommendations for geotechnical hazard prevention and abatement into project design.
- **CBP GEO-3:** The UC Berkeley Seismic Review Committee will continue to review all seismic and structural engineering design for new and renovated existing buildings on campus.
- **CBP GEO-4:** UC Berkeley will continue to use site-specific seismic ground motions for analysis and design of campus projects. Site-specific ground motions provide more current geo-seismic data than the U.S. Geological Survey (USGS) and are used for performance-based analyses.
- **CBP GEO-5:** UC Berkeley will continue to comply with the UC Seismic Safety Policy. Through this program, UC Berkeley will continue to identify buildings in need of upgrades and include seismic improvements as part of its Capital Financial Plan.
- **CBP GEO-6:** UC Berkeley will continue to implement programs and projects in emergency planning, training, response, and recovery. Each campus Building Coordinator will prepare, and update as needed, building response plans and coordinate education and planning for all building occupants.
- **CBP GEO-7:** As stipulated in the UC Seismic Safety Policy, the design parameters for specific site peak acceleration and structural reinforcement will be determined by the geotechnical and structural engineer for each new or rehabilitation project proposed under the LRDP. The acceptable level of actual damage that could be sustained by specific structures will be calculated based on geotechnical information obtained at the specific building site.
- **CBP GEO-8:** Site-specific geotechnical studies will include an assessment of landslide hazard, including seismic vibration and other factors contributing to slope stability.
- **CBP GEO-9:** Campus construction projects must comply with the Campus Design Standards, which contain regulatory and other campus requirements for construction-phase and post-construction stormwater management.

Therefore, the impact related to seismic ground shaking and other secondary seismic hazards would be less than significant.

iv) Landslides? (Less than Significant)

As discussed above, the project site is not located within a landslide hazard zone. However, an earthquake-induced landslide zone lies beyond the project site's southern boundary. Previous geologic mapping by Herzog Associates in 1992 identified the presence of a probable landslide just beyond the south boundary of the site. At the time of the 1992 study, the landslide was assumed to be dormant, however it is conceivable that an earthquake could trigger this slide to move again, or could trigger landslides or slumps elsewhere in the hills to the north and south of the project site. The overall likelihood of landsliding to occur below the project site affecting planned structures is very low to negligible (A3GEO 2018). Therefore, impacts related to landslides would be less than significant.

b) Would the project result in substantial soil erosion or the loss of topsoil? (Less than Significant)

The project site itself is generally flat, with a 12-foot elevation change from the south corner to the north. Project construction would include grading, trenching, and removing trees and other vegetation. These activities would include ground disturbance, which would potentially result in short-term soil erosion. However, because the proposed project footprint is greater than 1 acre, it would be subject to the National Pollutant Discharge Elimination System (NPDES) permit requirements for construction site stormwater discharges and would comply with those requirements. A Storm Water Pollution Prevention Plan (SWPPP) is required to be prepared and implemented under these requirements, which includes appropriate erosion-control and water-quality-control measures during site preparation, grading, construction, and post-construction. Implementation of the SWPPP for the proposed project would minimize short-term erosion impacts. Long-term impacts of the proposed project would not result in substantial erosion, as the soils would be covered by buildings, pavement, vegetation, and landscaping (see Section 2.10, Hydrology and Water Quality, for information about stormwater management on the project site). Therefore, proposed project impacts related to erosion would be less than significant.

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

As described in geology and soils impact question (aiii) above, the liquefaction potential at the project site is considered very low. The project site is not within a landslide hazard zone and would not exacerbate landslide hazards. Lateral spreading, which is commonly associated with liquefaction and occurs when a continuous layer of soil liquefies at depth and the soil layers above move toward an unsupported face, would also not be expected to occur due to the site's relatively flat topography and very low liquefaction potential.

As indicated in Section 2.7.1, Environmental Setting, the locations, depths, and conditions of the two culverts (Big Inch and Little Inch) could not be identified during the geotechnical study. Subsidence, such as ground surface settlement or sinkhole development can occur in cases where soils are washed into culverts through holes in culvert pipes or gaps between pipe segments. Adhering to all recommendations of the geotechnical investigation prepared for the project, including but not limited to the proposed deep foundation for the project, should address subsidence issues related to culvert integrity. Additionally, the potential that subsidence effects could damage planned pavement, slabs or other "at-grade" improvements is low (A3GEO 2018). In addition to adhering to all recommendations of the geotechnical investigation prepared for the project, the project would comply with the California Building Code, University of California Seismic Safety Policy, including review by the Seismic Review Committee, and University CBPs

in geology and soils impact question (aiii), where relevant, which would further reduce potential risks related to soil instability. Therefore, associated impacts related to unstable soils would be less than significant.

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

Expansive soils can undergo significant volume change with changes in moisture content; they shrink and harden when dried and expand and soften when wetted. The geotechnical investigation report states that the artificial fill at the site is generally non-expansive and rock fragments, organic material, and debris were observed in the fill (A3GEO 2018). Furthermore, the project would adhere to California Building Code procedures and recommendations of the geotechnical investigation prepared for the project. Therefore, impacts related to expansive soils would be less than significant.

e) Would the project have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater? (No Impact)

The proposed project would connect to sewer facilities and would not include septic tanks or alternative wastewater disposal systems. Therefore, no impact related to septic tanks or alternative wastewater disposal systems would occur.

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

The project site is underlain by artificial fill topsoil layer and Holocene alluvial fan and fluvial deposits (Qhl); Qhl is not considered a highly sensitive geologic formation where fossils could potentially be found (UC Berkeley 2021c). These unconsolidated deposits are underlain by undivided bedrock of the Great Valley Complex, which are Cretaceous in age, at 20 to 470 feet BGS (A3GEO 2018). The Great Valley Complex is highly sensitive for geological formations where fossils could potentially be found (UC Berkeley 2021c). Given that the project geotechnical report calls for a deep foundation with drilled piers extending a minimum of 5 feet into bedrock (A3GEO 2018), project construction has the potential to adversely affect unique paleontological resources. Further analysis is required to determine whether the project could potentially result in significant impacts; therefore, this topic will be analyzed further in the Cultural Resources section of the pending EIR.

Consequently, impacts related to geology and soils (other than paleontological resources) would be less than significant and therefore will not be discussed in the pending EIR. As indicated above, paleontological resources will be analyzed further in the Cultural Resources section of the pending EIR.

2.8 GREENHOUSE GAS EMISSIONS

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

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

2.8.1 ENVIRONMENTAL SETTING

Climate change refers to any significant change in measures of climate, such as temperature, precipitation, or wind patterns, lasting for an extended period of time (decades or longer). The Earth's temperature depends on the balance between energy entering and leaving the planet's system, and many factors (natural and human) can cause changes in Earth's energy balance. The greenhouse effect is the trapping and build-up of heat in the atmosphere (troposphere) near the Earth's surface. The greenhouse effect is a natural process that contributes to regulating the Earth's temperature, and it creates a livable environment on Earth. Human activities that emit additional GHGs to the atmosphere increase the amount of infrared radiation that gets absorbed before escaping into space, thus enhancing the greenhouse effect and causing the Earth's surface temperature to rise. Global climate change is a cumulative impact; a project contributes to this impact through its incremental contribution combined with the cumulative increase of all other sources of GHGs. Thus, GHG impacts are recognized exclusively as cumulative impacts (CAPCOA 2008).

A GHG is any gas that absorbs infrared radiation in the atmosphere; in other words, GHGs trap heat in the atmosphere. As defined in California Health and Safety Code Section 38505(g) for purposes of administering many of the state's primary GHG emissions reduction programs, GHGs include CO_2, methane (CH_4), nitrous oxide (N_2O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), sulfur hexafluoride (SF_6), and nitrogen trifluoride (NF_3) (see also 14 CCR 15364.5). The three GHGs evaluated herein are CO_2, CH_4, and N_2O. Emissions of HFCs, PFCs, SF_6, and NF_3 are generally associated with industrial activities including the manufacturing of electrical components, heavy-duty air conditioning units, and insulation of electrical transmission equipment (substations, power lines, and switch gears.). Therefore, emissions of these GHGs were not evaluated or estimated in this analysis because the proposed project would not include these activities or components and would not generate HFCs, PFCs, SF_6, and NF_3 in measurable quantities.

Gases in the atmosphere can contribute to climate change both directly and indirectly.[7] The Intergovernmental Panel on Climate Change developed the global warming potential (GWP) concept to compare the ability of each GHG to trap heat in the atmosphere relative to another gas. The reference gas used is CO_2; therefore, GWP-weighted emissions are measured in metric tons of CO_2 equivalent (MT CO_2e). Consistent with CalEEMod Version 2020.4.0, this GHG emissions analysis assumed the GWP for CH_4 is 25 (emissions of 1 MT of CH_4 are equivalent to emissions of 25 MT of CO_2), and the GWP for N_2O is 298, based on the Intergovernmental Panel on Climate Change Fourth Assessment Report (IPCC 2007).

There are two thresholds applied to this analysis. UC Berkeley has determined that application of these thresholds is appropriate for the proposed project within the context of campus-wide operations. These thresholds are:

1. **No Net Increase Threshold.** Given the seriousness of climate change and the regional significance of UC Berkeley, UC Berkeley has determined that for the purposes of this analysis, any increase in GHG

[7] Direct effects occur when the gas itself absorbs radiation. Indirect radiative forcing occurs when chemical transformations of the substance produce other GHGs, when a gas influences the atmospheric lifetimes of other gases, and/or when a gas affects atmospheric processes that alter the radiative balance of the Earth (e.g., affect cloud formation or albedo) (EPA 2017).

emissions above existing conditions (no net increase) campus wide,[8] would result in a significant impact on the environment.

2. **Carbon Neutrality Threshold.** Reduce or offset total GHG emissions campus wide by 2045.

Notably, the University of California Office of the President's (UCOP's) and UC Berkeley's goals for carbon neutrality (i.e., "net zero") are more stringent than the threshold established under CEQA (e.g., "no net increase"). Under the University Carbon Neutrality Initiative, carbon neutrality is defined as having "net zero" GHG emissions to be achieved by:

- Eliminating GHG emissions, or
- Minimizing GHG emissions as much as possible and using compliance and voluntary carbon offsets or other measures to mitigate the remaining emissions.[9]

Under the UC Sustainable Practices Policy, to achieve carbon neutrality all Scope 1 (direct GHG emissions, such as on-road motor vehicles) and Scope 2 (indirect GHG emissions associated with the purchase of electricity, heat, cooling, or steam from a utility) emissions must be either reduced or offset (2025). In addition, in accordance with the UC Berkeley Sustainability Plan, UC Berkeley would achieve carbon neutrality for expanded Scope 3 sources (commute, air travel, water and waste-related emissions) by 2050 or sooner. Because it is not fully possible to completely eliminate GHG emissions from UC Berkeley activities, carbon offsets (compliance offsets and voluntary offsets) are utilized to achieve UC Berkeley's carbon neutrality goals. The Carbon Neutrality Threshold is based on a trajectory to achieve carbon neutrality by 2045 and is used to evaluate consistency with UCOP and UC Berkeley plans adopted to reduce GHG emissions. See Section 2.8.2, Discussion, for additional information about the UC Sustainable Practices Policy.

2.8.2 DISCUSSION

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

Construction

Construction of the proposed project would result in GHG emissions, which are primarily associated with use of off-road construction equipment, on-road vendor (material delivery) trucks, haul trucks, and worker vehicles. A detailed depiction of the construction schedule—including information regarding phasing, equipment utilized during each phase, trucks, and worker vehicles—is included in Appendix A-1. The estimated project-generated GHG emissions from construction activities are shown in Table 2.8-1.

TABLE 2.8-1. ESTIMATED ANNUAL CONSTRUCTION GREENHOUSE GAS EMISSIONS

Construction Year	CO_2	CH_4	N_2O	CO_2e
	Metric Tons per Year[1]			
2023	207.11	0.03	<0.01	209.51

[8] These thresholds are taken from the *UC Berkeley 2021 Long Range Development Plan and Housing Projects #1 and #2 Draft Environmental Impact Report*. CEQA preparers have identified these as "campus wide" in both thresholds herein to avoid confusion because these thresholds do not apply to the proposed project alone, but rather within the context of campus wide operations.

[9] A GHG offsets enables development projects to compensate for their GHG emissions and associated environmental impacts by financing reduction in GHG emissions elsewhere.

TABLE 2.8-1. ESTIMATED ANNUAL CONSTRUCTION GREENHOUSE GAS EMISSIONS

Construction Year	CO_2	CH_4	N_2O	CO_2e
	Metric Tons per Year[1]			
2024	70.36	0.01	<0.01	71.05
			Total GHG Emissions	280.56
			30-Year Amortized Emissions	*9.35*

Source: Appendix A-1.
Notes: CO_2 = carbon dioxide; CH_4 = methane; N_2O = nitrous oxide; CO_2e = carbon dioxide equivalent; GHG = greenhouse gas.
Since construction emissions are short-term, the total GHGs were estimated and amortized over 30-years.
1. <0.01 = value is less than 0.01 metric tons per year.

Operations

Operation of the proposed softball field would generate minimal GHG emissions through motor vehicle trips to and from the project site; landscape maintenance equipment operation; energy use (electricity consumed by the project);[10] solid waste disposal; and generation of electricity associated with water supply distribution.

CalEEMod was used to calculate the annual GHG emissions based on the proposed land uses. The estimated operational project-generated GHG emissions from area sources, energy usage, motor vehicles, solid waste generation, and water usage are shown in Table 2.8-2. Given that existing information about most source GHG emissions for the existing softball field were not readily available, Table 2.8-2 does not reflect the net increase with the project in most instances, except for mobile source emissions. Appendix A-1 provides the modeling results reflected in Table 2.8-2.

TABLE 2.8-2. ESTIMATED ANNUAL OPERATIONAL GREENHOUSE GAS EMISSIONS

Emission Source	CO_2	CH_4	N_2O	CO_2e
	Metric Tons per Year[1]			
Area	<0.01	0.00	0.00	<0.01
Energy[2]	45.29	0.01	<0.01	45.74
Mobile	19.25	<0.01	<0.01	19.59
Solid waste[3]	32.17	1.90	0.00	79.70
Water supply	3.27	0.12	<0.01	7.02
			Total Operational GHGs	152.05
			Amortized Construction	*9.35*
			Operational Emissions plus Amortized Construction	161.40

Source: Appendix A-1.
Notes: GHG = greenhouse gas; CO_2 = carbon dioxide; CH_4 = methane; N_2O = nitrous oxide; CO_2e = carbon dioxide equivalent.
1. <0.01 = value is less than 0.01 metric tons per year.
2. Pursuant to the UC's Sustainable Practices Policy, UC Berkeley is required to obtain 100% clean electricity by 2025. Accordingly, following project operation in 2024, there would be zero GHG emissions generated by purchased electricity.
3. Includes 54 percent solid waste diversion based on current campus average.

As depicted in Table 2.8-2 above, project operations plus amortized construction would result in an increase of approximately 161 MT CO_2e per year. Notably, however, pursuant to the UC's Sustainable Practices

10 CalEEMod default GHG intensity values for PG&E were assumed for electricity generation.

Policy, UC Berkeley is required to obtain 100% clean electricity by 2025. Accordingly, following project operation in 2024, there would be zero GHG emissions generated by purchased electricity.

Overall, UC Berkeley will implement the UC Sustainable Practices Policy to meet the requirement of carbon neutrality for Scope 1 and 2 emissions by 2025 and carbon neutrality for Scope 3 emissions by 2045. These commitments will be incorporated into UC Berkeley's annual GHG inventory, which is used to track GHG emissions and sources on the UC Berkeley campus. GHG emissions are tracked in the context of the UC Berkeley campus wide GHG reduction goals. UC Berkeley conducts annual GHG emissions inventories and implements the UCOP and UC Berkeley sustainability and policy initiative. The proposed project would be subject to these sustainability policies, including the requirement that electricity be procured from 100 percent renewable sources. Compliance with the UC Berkeley sustainability and policy initiative results in decreased annual GHG emissions compared to existing conditions (either through UC Berkeley sustainability initiatives, offsets, or a combination of both). GHG reductions achieved by the on-site and off-site actions will be incorporated into the annual GHG inventory and annual reporting practices established by the UC Sustainable Practices Policy. As part of this reporting, the estimated annual emissions shall then be compared to the measured performance standards (i.e., 67 percent reduction by 2036 and 100 percent by 2045) to determine the level of additional GHG reductions (if any) that may be required.

Pursuant to the UC Sustainable Practices Policy and associated GHG emission reduction commitments, UC Berkeley will purchase voluntary carbon credits as the final action to reach the GHG emission reduction targets outlined in the policy. As part of the University Carbon Neutrality Initiative, internal guidelines have been developed to ensure that any use of credits for this purpose will result in additional, verified GHG emissions reductions from actions that align as much as possible with UC Berkeley's research, teaching, and public service mission. UC Berkeley shall implement one or more of the following options to reduce GHG emissions to achieve net zero GHG emissions.

1. **Option 1: On-site GHG Reduction Actions.** Implement on-site GHG reduction actions at UC Berkeley specified in the UC Sustainable Practices Policy and UC Berkeley sustainability plans, standards and policies.
2. **Option 2: Voluntary and UC Developed Carbon Offsets.** In addition to compliance offsets required by cap and trade, UC Berkeley may purchase GHG carbon offsets from a voluntary GHG carbon offset provider with an established protocol that requires projects generating GHG carbon offsets to demonstrate that the reduction of GHG emissions is real, permanent, quantifiable, verifiable, enforceable, and additional (per the definition in California Health and Safety Code Sections 38562(d)(1) and (2)). UC Berkeley may purchase GHG carbon offsets from UC developed voluntary carbon offset projects that are real, permanent, quantifiable, peer verifiable, enforceable, and additional. Definitions for these terms include the following:
    a) **Real:** Estimated GHG reductions should not be an artifact of incomplete or inaccurate emissions accounting. Methods for quantifying emission reductions should be conservative to avoid overstating a project's effects. The effects of a project on GHG emissions must be comprehensively accounted for, including unintended effects (often referred to as "leakage").
    b) **Additional:** GHG reductions must be additional to any that would have occurred in the absence of the Climate Action Reserve, or of a market for GHG reductions generally. "Business as usual" reductions (i.e., those that would occur in the absence of a GHG reduction market) should not be eligible for registration.

c) **Permanent:** To function as offsets to GHG emissions, GHG reductions must effectively be "permanent." This means, in general, that any net reversal in GHG reductions used to offset emissions must be fully accounted for and compensated through the achievement of additional reductions.

d) **Quantifiable:** The ability to accurately measure and calculate GHG reductions or GHG removal enhancements relative to a project baseline in a reliable and replicable manner for all GHG emission sources, GHG sinks, or GHG reservoirs included within the offset project boundary, while accounting for uncertainty and activity-shifting leakage and market-shifting leakage.

e) **Verified:** GHG reductions must result from activities that have been verified. Verification requires third-party (or peer review if UC-developed voluntary carbon offset projects) of monitoring data for a project to ensure the data are complete and accurate.

f) **Enforceable:** The emission reductions from offset must be backed by a legal instrument or contract that defines exclusive ownership and can be enforced within the legal system in the country in which the offset project occurs or through other compulsory means. Please note that for this mitigation measure, only credits originating within the United States are allowed.

GHG credits may be in the form of GHG offsets for prior reductions of GHG emissions verified through protocols or forecasted mitigation units for future committed GHG emissions meeting protocols. All credits shall be documented per protocols functionally equivalent in terms of stringency to CARB's protocol for offsets in the cap and trade program. If using credits not from CARB protocols, UC Berkeley must provide the protocols from the credit provider and must document why the protocols are functionally equivalent in terms of stringency to CARB protocols.

UC Berkeley shall identify GHG credits in geographies closest to Berkeley first and only go to larger geographies (i.e., California, United States) if adequate credits cannot be found in closer geographies, or the procurement of such credits would create an undue financial burden. UC Berkeley shall provide the following justification for not using credits in closer geographies in terms of either availability or cost prohibition.

- Lack of enough credits available in closer geographies (i.e., Alameda County).
- Prohibitively costly credits in closer geographies defined as credits costing more than 300% the amount of the current costs of credits in the regulated CARB offset market.
- UC Berkeley documentation submitted supporting GHG credit proposals shall be prepared by individuals qualified in GHG credit development and verification and such individuals shall certify the following.
- Proposed credits meet the criteria in California Health and Safety Code Section 38562(d)(1) and (d)(2).
- Proposed credits meet the definitions for the criteria provided in this measure.
- The protocols used for the credits meet or exceed the standards for stringency used in CARB protocols for offsets under the California cap-and-trade system.

Implementation of UC Sustainable Practices Policy to meet the requirement of carbon neutrality would ensure a net zero increase in GHG emissions campus wide, with the implementation of the proposed project. Therefore, GHG impacts of the proposed project would be less than significant.

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

State Plans

The CARB Scoping Plan, approved by CARB in 2008 and updated in 2014 and 2017,[11] provides a framework for actions to reduce California's GHG emissions and requires CARB and other state agencies to adopt regulations and other initiatives to reduce GHGs. As such, the Scoping Plan is not directly applicable to specific projects. Relatedly, in the Final Statement of Reasons for the Amendments to the CEQA Guidelines, the California Natural Resources Agency (CNRA) observed that "[t]he [Scoping Plan] may not be appropriate for use in determining the significance of individual projects because it is conceptual at this stage and relies on the future development of regulations to implement the strategies identified in the Scoping Plan" (CNRA 2009). Under the Scoping Plan, however, there are several state regulatory measures aimed at the identification and reduction of GHG emissions. CARB and other state agencies have adopted many of the measures identified in the Scoping Plan. Most of these measures focus on area source emissions (e.g., energy usage, high-global warming potential GHGs in consumer products) and changes to the vehicle fleet (i.e., hybrid, electric, and more fuel-efficient vehicles) and associated fuels (e.g., low-carbon fuel standard), among others. The proposed project would comply with all applicable regulations adopted in furtherance of the Scoping Plan to the extent required by law.

The project would also not impede the attainment of the GHG reduction goals for 2030 or 2045 identified in Senate Bill (SB) 32, Executive Order (EO) B-55-18, and AB 1279, respectively. EO B-55-18 establishes a statewide policy for the state to achieve carbon neutrality as soon as possible (no later than 2045) and to achieve and maintain net negative emissions thereafter. The Legislature enacted AB 1279, the California Climate Crisis Act, in September 2022, which declares the policy of the state to achieve net zero GHG emissions as soon as possible, but no later than 2045, and achieve and maintain net negative GHG emissions thereafter. Additionally, the bill requires that by 2045, statewide anthropogenic GHG emissions be reduced to at least 85% below 1990 levels. SB 32 establishes for a statewide GHG emissions reduction target whereby CARB, in adopting rules and regulations to achieve the maximum technologically feasible and cost-effective GHG emissions reductions, shall ensure that statewide GHG emissions are reduced to at least 40% below 1990 levels by December 31, 2030. Growth at UC Berkeley is guided by the UC Sustainable Practices Policy and UC Berkeley Sustainability Plan, including the Carbon Neutrality Initiative, which aligns reductions at the UC system with SB 32, EO B-55-18, AB 1279, and long-term goals identified in the Scoping Plan. Future development projects at UC Berkeley would be required to comply with these GHG emissions reduction measures because they are statewide strategies as well as with the UC Berkeley Sustainability Plan and the UC Sustainable Practices Policy. Therefore, implementation of the project would not conflict with the Scoping Plan or other general State regulations adopted for the purposes of reducing GHG emissions.

Regional Plan

The Plan Bay Area 2050 (MTC and ABAG 2021) is a regional growth management strategy that targets per capita GHG reduction from passenger vehicles and light-duty trucks for the San Francisco Bay Area

[11] CARB presently is preparing the *2022 Scoping Plan Update*, which will assess progress towards achievement of the state's 2030 reduction target and lay out a path for the state's achievement of carbon neutrality by 2045. CARB is holding a number of public workshops to provide information on the plan update and solicit feedback from stakeholders. A draft plan has been released for public review and comment.

pursuant to SB 375. There are 35 strategies that comprise the heart of the plan to improve housing, the economy, transportation and the environment across the Bay Area's nine counties (MTC and ABAG 2021). Under Plan Bay Area 2050's strategies, just under half of all Bay Area households would live within one half-mile of frequent transit by 2050, with this share increasing to over 70% for households with low incomes. Transportation and environmental strategies that support active and shared modes, combined with a transit-supportive land use pattern, are forecasted to lower the share of Bay Area residents that drive to work alone from 50% in 2015 to 33% in 2050. GHG emissions from transportation would decrease significantly as a result of these transportation and land use changes, and the Bay Area would meet the state mandate of a 19% reduction in per capita emissions by 2035 — but only if all strategies are implemented (MTC and ABAG 2021). The proposed project would be consistent with the overall goals of Plan Bay Area 2050 in concentrating new development in locations where there is existing infrastructure and transit at the UC Berkeley campus. Specifically, the project site is served by three AC transit stops within 0.4 miles of the project site, as well as two Bear Transit shuttle stops, one across the street from the project and the other about 250 feet east of the project. These transit services promote alternative transportation (i.e., not single-occupant vehicles) and reduce VMT.

University of California and UC Berkeley GHG Reduction Plans

Growth on the UC Berkeley campus is governed by the policies and initiatives of the UCOP and UC Berkeley, including:

- UC Sustainable Practices Policy (2020)
- UC Berkeley Climate Action Plan (2009)
- University of California Carbon Neutrality Initiative (2013)
- UC Berkeley Carbon Neutrality Planning Framework (2016)
- UC Berkeley Sustainability Plan (2020)

The UC Berkeley Sustainability Plan outlines strategies to achieve the state, UCOP, and UC Berkeley GHG reduction goals. Further, implementation of UC Sustainable Practices Policy to meet the requirement of carbon neutrality, as described in GHG impact question (a) above, would ensure a net zero increase in GHG emissions campus wide, with the implementation of the proposed project. Therefore, the proposed project would be consistent with the applicable plans and regulations adopted for the purpose of reducing the emissions of GHGs, and GHG impacts would be less than significant.

Consequently, impacts related to greenhouse gas emissions would be less than significant and therefore will not be discussed in the pending EIR.

2.9 HAZARDS AND HAZARDOUS MATERIALS

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

2.9.1 ENVIRONMENTAL SETTING

Searches of the Department of Toxic Substance Control (DTSC) EnviroStor database (DTSC 2022) and California State Water Resources Control Board (SWRCB) GeoTracker database (SWRCB 2022) indicate no known releases of hazardous materials on or near the project site. There are three cleanup program sites approximately 1,500 feet north of the project site at Lawrence Berkeley National Laboratory. These cleanup sites are currently undergoing remediation overseen by the San Francisco Bay Regional Water Quality Control Board (RWQCB).

The federal government banned consumer use of lead-based paint (LBP) in 1978 and many, but not all, asbestos-containing materials (ACMs) were banned in construction products in 1989. As the existing softball field was constructed in 1995, after the ban of these materials, it is not anticipated to contain LBP or ACMs.

2.9.2 DISCUSSION

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

The proposed project would result in a slight increase in the routine use of hazardous materials. The proposed project would include use of heavy equipment for demolition, grading, excavation, and construction. Fueling and maintenance of such equipment could result in incidental spills of petroleum products and hazardous materials in construction staging areas. However, such incidental spills would likely be minor and would be minimized through implementation of standard best management practices (BMPs) included in a NPDES-mandated SWPPP during construction. Relevant BMPs would typically include creation of designated fueling and maintenance areas located not in proximity to drainages and equipped with temporary spill containment booms, absorbent pads, and petroleum waste disposal containers. Some hazardous materials use would continue to occur in association with proposed project operations, including fertilizers, cleaning supplies, etc. Use of hazardous materials would be required to meet all applicable regulations related to the transport, use, and storage of such materials. Therefore, proposed project impacts associated with routine transport, use, and disposal of hazardous materials would be less than significant.

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

The proposed project would include demolition of the existing softball field. Prior to demolition, the campus would test and remove potential hazardous materials intrinsic to the softball field structure, including asbestos and, where required, lead (see CBP HAZ-4, below). Removal of hazardous materials would be completed by a licensed hazardous materials contractor, under the oversight of the UC Berkeley Office of Environment, Health and Safety (EH&S), prior to structural demolition. Recyclable contents and materials would be removed during demolition.

Furthermore, project construction would be required to comply with applicable state regulations regarding LBP work practices, including testing and abatement. The removal of ACMs would be subject to the Asbestos Demolition and Renovation Program administered by the Bay Area Air Quality Management District (BAAQMD), which protects the public from uncontrolled emissions of asbestos through enforcement of the Federal Asbestos Standard. The Program includes survey and notification requirements prior to beginning a project, as well as work practice standards and disposal requirements (BAAQMD 1998). Additionally, under California law, fluorescent lamps cannot be disposed as municipal waste. Fluorescent tubes and bulbs may be managed as universal wastes under Title 22, Chapter 23 of the California Code of Regulations and are typically recycled.

Additionally, as part of the proposed project and to minimize the potential for release of hazardous materials, UC Berkeley would implement CBPs listed here, where relevant:

- **CBP HAZ-4:** UC Berkeley will continue to perform hazardous materials surveys prior to capital projects in existing UC Berkeley buildings. UC Berkeley will continue to comply with federal, State, and local regulations governing the abatement and handling of hazardous building materials and each project will address this requirement in all construction.
- **CBP HAZ-5:** UC Berkeley will continue to perform site histories and due diligence assessments of all sites where ground-disturbing construction is proposed, to assess the potential for soil and

groundwater contamination resulting from past or current site land uses at the site or in the vicinity. The investigation will include review of regulatory records, historical maps and other historical documents, and inspection of current site conditions. UC Berkeley will act to protect the health and safety of workers or others potentially exposed should hazardous site conditions be found.

With adherence to applicable regulations and University CBPs, project impacts related to removal of hazardous materials during demolition would be less than significant.

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

There are no existing or proposed schools within on-quarter mile of the project site. The nearest school is Berkeley Rose Waldorf School, which is located approximately 0.65 miles southwest of the project site. Demolition of the existing softball field building could potentially involve the handling and disposal of hazardous waste products, including LBP, ACMs, petroleum products, etc. Handling of such substances would be regulated by federal and state hazardous materials laws that would minimize the risk of exposure to nearby land uses, including schools. Therefore, impacts would be less than significant.

d) Would the project be located on a site that is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment? (No Impact)

The State of California Hazardous Waste and Substances Site List (also known as the "Cortese List") is a planning document used by state and local agencies and developers to comply with CEQA requirements in providing information about the location of hazardous materials sites. The project site is not on the list of hazardous material sites compiled pursuant to Government Code Section 65962.5. As such, the proposed project would have no impact related to the Cortese List.

e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area? (No Impact)

The closest public airport to the project site is the Oakland International Airport, located approximately 9 miles to the south. The project site is not located within an airport land use plan. Therefore, no impact would occur related to aircraft safety hazards or excessive noise impacts in association with construction and operation of the proposed project.

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

The proposed project could result in potentially significant impacts related to the implementation of or interference with an adopted emergency response or emergency evacuation plan. Further analysis is required to determine whether the project could potentially result in significant impacts; therefore, this topic will be analyzed further in the Wildfire section of the pending EIR.

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

The proposed project could result in potentially significant impacts related to wildland fire hazards. Further analysis is required to determine whether the project could potentially result in significant impacts; therefore, this topic will be analyzed further in the Wildfire section of the pending EIR.

Consequently, impacts related to hazards and hazardous materials (other than those related to emergency response, evacuation, and wildland fires) would be less than significant and therefore will not be discussed in the pending EIR. As indicated above, emergency response, evacuation and wildland fire hazards will be analyzed further in the Wildfire section of the pending EIR.

2.10 HYDROLOGY AND WATER QUALITY

		Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
X.	HYDROLOGY AND WATER QUALITY – Would the project:				
a)	Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?	☐	☐	☒	☐
b)	Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	☐	☐	☒	☐
c)	Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:				
	i) result in substantial erosion or siltation on or off site;	☐	☐	☒	☐
	ii) substantially increase the rate or amount of surface runoff in a manner which would result in flooding on or off site;	☐	☐	☒	☐
	iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or	☐	☐	☒	☐
	iv) impede or redirect flood flows?	☐	☐	☒	☐
d)	In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?	☐	☐	☐	☒
e)	Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	☐	☐	☒	☐

2.10.1 ENVIRONMENTAL SETTING

The project site lies within the Strawberry Creek Watershed. This relatively small watershed of 3.0 square miles begins on the western slope of the Berkeley hills with a series of small springs and tributaries, including North Fork

and Hamilton Gulch. The watershed flows in a westward direction through Berkeley, eventually emptying into the San Francisco Bay near University Avenue (Alameda County Flood Control & Water Conservation District 2022).

UC Berkeley owns and operates its own stormwater system, which consists of drain inlets, catch basins, manholes, storm drainpipes, outlets to Strawberry Creek, and culverts along the creek. The stormwater system also includes green infrastructure features, such as detention ponds, vegetated bioswales, storage vaults, rain gardens, and green roofs. Stormwater from the project site is collected by UC Berkeley's internal storm drain network and eventually discharges to the City of Berkeley's storm drain system.

The project is not underlain by a groundwater basin (DWR 2022) and no groundwater was encountered in exploratory borings at the project site during the geotechnical investigation (A3GEO 2018). According to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM), the project site is located in an area of minimal flood hazard (Zone X) (FEMA 2022).

2.10.2 DISCUSSION

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

The Federal Clean Water Act and California's Porter-Cologne Water Quality Control Act are the primary water quality laws. Regulations set forth by the EPA and the SWRCB have been developed to fulfill the requirements of this legislation. EPA's regulations include the NPDES permit program, which controls sources that discharge pollutants into the waters of the United States (e.g., streams, lakes, bays, etc.). These regulations are implemented at the regional level by the water quality control boards. The San Francisco Bay Regional Water Quality Control Board (San Francisco Bay RWCQB) is the agency that has jurisdiction over the project site and surrounding areas. The SWRCB has implemented a NPDES Construction General Permit for the State of California. For projects disturbing 1 acre or more of soil, a Notice of Intent (NOI) and SWPPP must be prepared prior to commencement of construction. Because the proposed project would disturb more than 1 acre of soil, it is subject to the Construction General Permit. UC Berkeley is also subject to the waste discharge requirements for the Phase II Non-Traditional Small Municipal Separate Storm Sewer Systems (MS4) Permit (Order No. 2013-0001-DWQ, NPDES Permit No. CAS000004) with the last amendment, Order No. WQ 2018-0007-EXEC, issued in March 2018.

Construction of the proposed project would result in short-term soil-disturbing activities that could lead to increased erosion and sedimentation. However, the project would comply with the NPDES Construction General Permit, including the development and implementation of a SWPPP, which describes BMPs that UC Berkeley would use to protect stormwater runoff. The SWPPP would include appropriate erosion-control and water-quality-control measures during site preparation, grading, construction, and post-construction. The project would also comply with the Phase II Small MS4 Permit and incorporate low-impact development (LID) treatment controls and BMPs to address post-construction stormwater runoff to meet waste discharge requirements, such as biotreatment facilities and other hydromodification features. Compliance with the NPDES requirements above are incorporated into the University CBPs listed here, as part of the proposed project:

- **CBP HYD-1:** During the plan check review process and construction phase monitoring, UC Berkeley Office of Environment, Health & Safety will review each development project to determine whether project runoff would increase pollutant loading and verify that the proposed project complies with all applicable requirements (e.g., Regional Water Quality Control Board and Campus Design

Standards requirements) and best management practices (e.g., those described in the California Stormwater Quality Association's Construction BMP Handbook).

- **CBP HYD-2**: UC Berkeley will continue implementing an urban runoff management program containing best management practices, as published in the Strawberry Creek Management Plan, and as developed through the Stormwater Permit Annual Reports completed for the Phase II municipal separate storm sewer system (MS4) permit. UC Berkeley will continue to comply with the MS4 stormwater permitting requirements by implementing construction and post-construction control measures and best management practices required by project-specific Stormwater Pollution Prevention Plans (SWPPPs) and by the Phase II MS4 permit to control pollution. SWPPPs will be prepared by the project contractor as required to prevent discharge of pollutants and to minimize sedimentation resulting from construction and the transport of soils by construction vehicles.

For these reasons, the proposed project would minimize erosion and related impacts on water quality, such that construction and operational impacts would be less than significant.

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

The East Bay Municipal Utility District (EBMUD) supplies water to the project site and would continue to serve the project site. EBMUD's Urban Water Management Plan (UWMP) (EBMUD 2021a) anticipates future growth in the region that includes the proposed project, as allowed under existing land use and zoning designations. EBMUD currently uses surface water primarily from the Mokelumne River, with supplemental water supply from East Bay area watersheds. Therefore, no incremental increase in demand on groundwater supplies would occur as a result of the proposed project, as EBMUD does not use groundwater as a source of water.

The project site is located outside of the East Bay Plain Subbasin (California Department of Water Resources [DWR] groundwater basin number 2-009.04), which underlies portions of the cities of Berkeley, Oakland, and other East Bay municipalities. This subbasin is in a sustainable condition, as described in hydrology impact question (e) below and is not currently used as a source of water supply. Regardless, the proposed project would not interfere substantially with groundwater recharge as it would result in a net increase in the amount of pervious surface by approximately 8,200 square feet compared to existing conditions, due to the increased size of the field. Because the proposed project would be served by a water utility with sufficient supply that does not extract groundwater, and would not interfere substantially with groundwater recharge, the impact of the proposed project related to groundwater would be less than significant.

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

i) result in substantial erosion or siltation on or off site; (Less than Significant)

and

ii) substantially increase the rate or amount of surface runoff in a manner which would result in flooding on or off site; (Less than Significant)

Construction activities would entail grading, excavation, and other ground-disturbing activities, which could temporarily alter surface drainage patterns and increase the potential for flooding, erosion, or siltation. Once operational, the proposed project would increase the pervious surface area on the project site by approximately 8,200 square feet. New drainage infrastructure would be included in the proposed project to accommodate stormwater flows and connect the project to existing storm drain infrastructure. The project involves several new stormwater components that would improve drainage, including: a new six-inch perforated drainpipe that would be installed along the perimeter of the softball field outfield; multiple new subsurface 24-inch diameter drain basins that would be installed throughout the project site; multiple new non-perforated storm drainpipes throughout the project site to connect stormwater infrastructure (i.e., catch basins, roof runoff, trench drain, and outfalls); and, an underground retention chamber that would be installed under the softball field infield. The field drainage system is designed to collect stormwater that falls directly on the field by sloping toward the perimeter subdrain and swale. In combination with on-site retention and stormwater collection, implementation of the project would decrease the rate and volume of surface runoff. Stormwater hardscape runoff would be treated on site prior to release into the existing stormwater system, which would continue to discharge into Strawberry Creek

As discussed above in hydrology impact question (a), the proposed project would be required to comply with the NPDES Construction General Permit and Phase II MS4 Permit, which would require implementation of BMPs, erosion control measures, and LID treatment controls, thereby reducing the effects of project construction and operation on erosion and drainage patterns. Therefore, the proposed project impact related to alteration of drainage patterns would be less than significant.

iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or (Less than Significant)

As discussed above, the proposed project would be required to comply with the NPDES Construction General Permit and Phase II MS4 Permit, which would require implementation of BMPs, erosion control measures, and LID treatment controls, thereby reducing the effects of project construction and operation on erosion and drainage patterns. Compliance with NPDES regulations would ensure that the proposed project impact related to exceeding capacity of stormwater drainage systems and contributing additional sources of polluted runoff would be less than significant.

iv) impede or redirect flood flows? (Less than Significant)

The project site is not located within a flood zone. As described above, the project site is located within an area of minimal flood hazard (Zone X). Therefore, the proposed project impact related to flooding would be less than significant.

d) In flood hazard, tsunami, or seiche zones, would the project risk release of pollutants due to project inundation? (No Impact)

Tsunamis are sea waves that are generated in response to large-magnitude earthquakes. When these waves reach shorelines, they sometimes produce coastal flooding. Seiches are the oscillation of large bodies of standing water, such as lakes, that can occur in response to ground shaking. The project site is not within a flood zone or the inundation zone of any dams or tsunamis and there are no large bodies of water in the vicinity that could pose a seiche hazard. Therefore, the proposed project would result in no impacts related to flood hazards, tsunamis, or seiches.

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

The project would be served by EBMUD, which maintains a UWMP (EBMUD 2021a). This plan contains water quality goals more stringent than regulatory standards. EBMUD utilizes water treatment plants to ensure water quality standards and goals are met. Implementation of the proposed project would not interfere with the ability of EBMUD to maintain water quality standards, as described in the UWMP. The project would not result in a significant increase in the amount of potable water used annually as compared to existing conditions, given that attendance of softball games is not expected to substantially increase with the project. With the implementation of the project, potable water use is not expected to substantially increase, based on the addition of team lockers, restrooms, concessions, and water-using devices in the new building. See Section 2.19, Utilities and Service Systems, impact question (b) for additional information on project water demand.

Furthermore, as described in hydrology impact question (a) above, the proposed project would be required to comply with the NPDES Phase II MS4 permit requiring runoff to be treated using LID treatment controls such as biotreatment facilities and other hydromodification features to improve stormwater quality, and the NPDES Construction General Permit requiring the development and implementation of a SWPPP, which provides BMPs to control erosion and water quality.

The Sustainable Groundwater Management Act (SGMA) of 2014 requires local public agencies and Groundwater Sustainability Agencies (GSAs) in high- and medium-priority basins to develop and implement Groundwater Sustainability Plans (GSPs). The East Bay Plain Subbasin (EBP Subbasin) GSP was prepared and released by EBMUD and the City of Hayward in September 2021 for review and finalized and released in January of 2022 (EBMUD and City of Hayward 2022). A summary of this GSP is provided below based on the Draft GSP.

EBMUD and the City of Hayward are the GSAs for the EBP Subbasin. The EBP Subbasin extends across multiple jurisdictions, including the cities of Oakland and Berkeley, and consists of three major aquifer zones across the area. The project site is located just outside of the subbasin. Most high-yield production wells have been developed within the Deep Aquifer Zone and lower portion of the Intermediate Aquifer Zone in the southern EBP Subbasin. The Shallow Aquifer Zone and upper to middle portions of the Intermediate

Aquifer Zone have geologic conditions that tend to result in lower yielding wells. Groundwater pumping is much lower today (3,600 Acre Feet [AF]) than in the 1960s (>20,000 AF), and groundwater levels are stable, and the basin is sustainable. Overall, groundwater quality in the Intermediate Aquifer and Deep Aquifer is good, with contamination limited to the Shallow Aquifer where contaminants attributed to environmental sites are subject to clean up orders from the RWQCB and DTSC. No land subsidence or seawater intrusion have been reported to date.

The sustainability goal for the Plan area is to manage and protect the EBP Subbasin in a manner that avoids undesirable results while continuing to collect and analyze data to support science-based decision making to evaluate new opportunities for sustainable groundwater beneficial uses. SGMA requires that the GSAs consider six sustainability indicators in the GSPs (i.e., chronic lowering of groundwater levels, reduction of groundwater storage, seawater intrusion, land subsidence, degraded water quality, and depletion of interconnected surface water). Each have been assigned minimum thresholds and measurable objectives as set forth in this GSP to avoid undesirable results and ensure continued sustainable groundwater management of the EBP Subbasin over the planning and implementation horizon.

EBMUD and City of Hayward are committed to developing diverse water supply portfolios to help improve resiliency in the face of changing climate, water supply needs, and regulations. In addition to water conservation and recycled water, beneficial use of groundwater is an important potential source. The GSAs are also committed to maintaining sustainability within the EBP Subbasin, and the existing and potential future projects reflect the GSAs' desire to fill data gaps and let science-based decision-making drive the feasibility of future groundwater pumping. After sufficient data collection, future projects under consideration by EBMUD may include additional phases of Bayside, irrigation with groundwater, and the use of groundwater to supplement flows into San Leandro Creek that EBMUD voluntarily releases from Chabot Dam to approximate historic leakage flows. Potential future Hayward projects may include a well conversion study and a conjunctive use study.

The sustainability goal for the EBP Subbasin is already being achieved, which has been the case since at least the 1970s. Over the next 20 years of the GSP implementation period, the sustainability goal will continue to be achieved by prudent and incremental use of existing approved groundwater injection and extraction facilities. At this time, the GSAs have no plans to expand groundwater injection/extraction facilities, but the GSAs will continue data collection to provide current baseline conditions and evaluate potential impacts of incremental greater use of existing facilities and potential new facilities.

The proposed project would not conflict with or obstruct implementation of the EBP Subbasin GSP, as the proposed project would be served by EBMUD, one of the GSAs overseeing this GSP, and as conditions in the EBP Subbasin are sustainable. Therefore, the proposed project impact related to conflicts with, or obstruction of water quality control plans or groundwater management plans would be less than significant.

Consequently, impacts related to hydrology and water quality would be less than significant and therefore will not be discussed in the pending EIR.

2.11 LAND USE AND PLANNING

		Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XI.	LAND USE AND PLANNING – Would the project:				
a)	Physically divide an established community?	☐	☐	☐	☒
b)	Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	☐	☐	☒	☐

2.11.1 ENVIRONMENTAL SETTING

The university is constitutionally exempt from local land use regulations, such as city and county general plans, land use policies, and zoning regulations when using its property in furtherance of its educational mission. Pursuant to UC's constitutional autonomy, UC Berkeley is the only agency with land use jurisdiction over campus projects.

Each campus in the UC system periodically prepares an LRDP, which provides a high-level planning framework to guide land use and capital investment in line with its mission, priorities, strategic goals, and enrollment projections. The purpose of an LRDP is to provide adequate planning capacity for potential population growth and physical infrastructure that may be needed to support future population levels on each UC campus. The LRDP does not mandate growth or the provision of new facilities. The current LRDP for UC Berkeley is the 2021 LRDP which was adopted in July 2021; it includes projected development needs through the academic year 2036-37.

The project site is located in the Strawberry Canyon Recreation Area at the site of the existing Cal Softball Field. The location is within the Hill Campus West land use zone, south of the Hill Campus East land use zone, and northeast of the City Environs land use zone, as identified in the 2021 LRDP (UC Berkeley 2021b). The project site is surrounded by Hill Campus West land use zones to the north, west, and south.

Witter Rugby Field is directly to the west of the project site, and Strawberry Canyon Pool and the Haas Clubhouse are to the northeast. California Memorial Stadium is located at the terminus of Centennial Drive to the west. Immediately south of the project site is a densely wooded area, which includes an unnamed recreational trail running eastward up into the Hill Campus East from the western end of Canyon Road. Beyond the wooded area to the south of the project site is the Panoramic Hill residential neighborhood.

Land use types in the Hill Campus West land use zone include residential, athletics and recreation facilities (including but not limited to the Cal Softball Field) and the Hearst Greek Theater. The Cal Softball field is identified as an existing use in LRDP Figure 1.3, Existing Buildings, and is shown in LRDP Figure 3.4, Landscape and Open Space Framework. There is limited development potential within the Hill Campus West due to its steep terrain. New uses would be accommodated primarily through the renovation, expansion, or replacement of existing facilities, such as is being contemplated by the proposed project. The LRDP provides two land use objectives for the Hill Campus West land use zone:

- Support and maintain the existing housing and campus life facilities in the Hill Campus West with selective renovation, expansion, or redevelopment on previously developed sites. Land uses in this zone should leverage its proximity to the Campus Park.

- Prioritize projects that improve the landscape and circulation in the area, and that address life-safety concerns, particularly those related to seismic safety and wildfire prevention.

UC requires every campus to have a Physical Design Framework. The UC Berkeley Physical Design Framework is an advisory guidance document intended to convey a set of design intentions, rather than prescriptive regulations or mandates, and is used by the campus Design Review Committee when reviewing a project's design (UC Berkeley 2021e). While campuses are required to consider the Framework's guidelines and principles in developing their projects, a project is not required to be consistent with every guideline in the Framework.

UC Berkeley also created the Campus Design Standards to guide design and construction professionals to complete lasting, high-quality additions to the UC Berkeley built environment. The Campus Design Standards, along with applicable codes such as the California Building Code, ensure that new construction and renovation projects at UC Berkeley integrate industry best practices and experience with existing campus buildings, infrastructure, grounds, and maintenance issues. The Campus Design Standards, which are administered by the Campus Building Department, include requirements for building materials, lighting, glass and glazing, screening, planting, and more.

2.11.2 DISCUSSION

a) Would the project physically divide and established community? (No Impact)

The proposed project would not physically divide an established community. The project involves the renovation of an existing IA softball field. Other project components involve landscaping and driveway and utility improvements. The project site is currently developed with the Cal Softball Field and Witter Lot; changes resulting from the project would only occur on the existing softball field, the parking lot, and the areas immediately surrounding the field. The project would not introduce a new linear element within the landscape, such as a freeway or other type of barrier that could divide an existing community. Therefore, the project would have no impact related to physically dividing an established community.

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

Implementation of the project would not conflict with any land use plan, policy, or regulation. The project would be constructed entirely on UC Berkeley property and therefore would be under the land use jurisdiction of the University of California and the Regents. As noted above, the university is constitutionally exempt from local land use regulations, such as city and county general plans, land use policies, and zoning regulations when using its property in furtherance of its educational mission.

The project would result in the continued use of the site for IA softball and recreational purposes. The project would not alter any existing land use associated with the project site and would be consistent with the Hill Campus West land use zone designation as identified in the 2021 LRDP. The existing and proposed land use would fall under the athletics and recreation land use definition within the LRDP: "Uses that support athletics and recreation programs and activities, such as indoor and outdoor general recreation facilities, and athletics practice and competition venues." This land use designation is specifically included in 2021 LRDP Hill Campus land use zone under the Land Use Element.

UC Berkeley's planning guidelines, including the Physical Design Framework, guide design of development throughout the campus. The project was reviewed by the UC Berkeley Design Review Committee in July,

October, and December of 2018 (per CBP AES-2) during which the Physical Design Framework, Campus Design Standards and relevant CBPs were considered. Design review presentations included views of the new design, discussion of the building's program, description of materials, and treatment of the building exterior. Comments received were reviewed with the project design team. The Design Review Committee was primarily concerned with the architectural expression of the new building's main structure on Centennial Drive, as well as its relationship to the surrounding forested hillside. The proposed design was refined to ensure that the structure was respectful of the site context, as well as presented a positive architectural expression compatible for institutional uses. The Design Review Committee recommended retaining the existing orientation of the Cal Softball Field and maximizing vegetation around the field. The entryway design would encompass naturalistic planting of trees and ground plants. These recommendations have been incorporated into the project design.

Additionally, as part of the proposed project, UC Berkeley would implement the land use (LU) and aesthetics (AES) CBPs listed here:

- **CBP LU-2:** Each individual project built in the Hill Campus West, Hill Campus East, or the City Environs Properties under the LRDP will be assessed to determine whether it could pose potential significant land use impacts not anticipated in the LRDP, and if so, the project would be subject to further evaluation under the California Environmental Quality Act.
- **CBP AES-1:** New projects will as a general rule conform to the Physical Design Framework. While the guidelines in the Physical Design Framework would not preclude alternate design concepts when such concepts present the best solution for a particular site, UC Berkeley will not depart from the Physical Design Framework except for solutions of extraordinary quality.
- **CBP AES-2:** Major new campus projects will continue to be reviewed at each stage of design by the UC Berkeley Design Review Committee. The provisions of the LRDP, as well as project-specific design guidelines prepared for each such project, will guide these reviews.

These CBPs would minimize land use impacts by providing for design review and conformance with the Physical Design Framework and Campus Design Standards. The CBPs would not create additional land use impacts. No habitat conservation plans apply to the UC Berkeley campus or the project site.

For these reasons, proposed project impacts would be less than significant related to conflicts with adopted plans or policies from construction and operation of the project.

Consequently, impacts related to land use and planning would be less than significant and therefore will not be discussed in the pending EIR.

2.12 MINERAL RESOURCES

		Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XII.	**MINERAL RESOURCES – Would the project:**				
a)	Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	☐	☐	☐	☒

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
b) Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan?	☐	☐	☐	☒

2.12.1 ENVIRONMENTAL SETTING

The California Geological Survey is responsible for classifying land into Mineral Resource Zones (MRZs) under the Surface Mining Control and Reclamation Act (SMARA) based on the known or inferred mineral resource potential of that land. The following MRZ categories are used to classify land:

- MRZ-1: Areas where adequate information indicates that no significant mineral deposits are present, or where it is judged that little likelihood exists for their presence.
- MRZ-2: Areas where adequate information indicates that significant mineral deposits are present, or where it is judged that a high likelihood exists for their presence.
- MRZ-3: Areas containing mineral deposits, the significance of which cannot be evaluated from available data.
- MRZ-4: Areas where available information is inadequate for assignment to any other MRZ.

The 2021 LRDP EIR concluded that there are no areas on campus with development potential that contain mineral resources where there is adequate information indicating significant mineral deposits or the high likelihood of significant mineral deposits (UC Berkeley 2021c). No mineral resource recovery sites are identified in the City of Berkeley (City of Berkeley 2009).

2.12.2 DISCUSSION

a) Would the project result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state? (No Impact)

and

b) Would the project result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan? (No Impact)

As described above, the campus, which includes the project site, does not contain mineral resources where there is adequate information indicating significant mineral deposits or the high likelihood of significant mineral deposits. Therefore, the proposed project would have no impact on known or locally important mineral resources.

Consequently, there would be no impacts regarding mineral resources and this issue will not be discussed in the pending EIR.

2.13 NOISE

Implementation of the project would result in construction and operational activities that could result in potentially significant noise or vibration impacts. Further analysis is required to determine whether the project could potentially result in significant impacts; therefore, this topic will be analyzed further in the pending EIR.

2.14 POPULATION AND HOUSING

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

2.14.1 ENVIRONMENTAL SETTING

According to the State of California Department of Finance (DOF), the City of Berkeley had a population of 124,563 in 2022, and a total of 52,921 housing units (DOF 2022). UC Berkeley enrollment for academic year 2018-2019 included 29,932 undergraduate students and 9,776 graduate students (UC Berkeley 2021c).

2.14.2 DISCUSSION

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

The proposed project would serve the existing level of UC Berkeley student enrollment and would not result in the hiring of new faculty or staff, as it would serve existing athletic and recreation programs on campus. Although the project would generate a limited number of short-term construction jobs, these jobs would be accommodated within the regional workforce and would not require substantial relocation of workers. The project does not include any residential uses or improvements to off-site infrastructure such as a roadways or utilities that could indirectly induce population growth. Therefore, the proposed project impact related to inducement of unplanned population growth would be less than significant.

b) Would the project displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere? (No Impact)

The project site does not contain existing housing units; therefore, the proposed project would not displace people or housing, necessitating the construction of replacement housing elsewhere. No impact would occur.

Consequently, impacts related to population and housing would be less than significant and therefore will not be discussed in the pending EIR.

2.15 PUBLIC SERVICES

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

2.15.1 ENVIRONMENTAL SETTING

UC Berkeley does not have its own fire department or firefighting capabilities. For emergencies, UC Berkeley relies on response from Oakland Fire Department (OFD), Berkeley Fire Department (BFD), Moraga-Orinda Fire District, Alameda County Fire Department (ACFD), and/or California Department of Forestry and Fire Protection, depending on the area and severity of impact, and closest first responders available (UC Berkeley, 2021c).

BFD currently has seven fire stations and the Hill Campus West, which includes the project site, is in BFD Fire Response District 2 (Station 2, located on Berkeley Way) (UC Berkeley, 2021c). The City of Berkeley Adopted Biennial Budget for Fiscal Years 2020 and 2021 provides for 153 full-time-equivalent employees for the BFD (UC Berkeley 2021c).

The University of California Police Department (UCPD) provides police services to all UC Berkeley properties. UCPD operations consist of patrol, investigations, special events, and crime prevention. As of 2020, UCPD had a staff of 48 sworn police officers and 50 professional staff members (UC Berkeley 2021c).

The UC Berkeley campus is located within the Berkeley Unified School District (BUSD) service boundary. Berkeley Public Schools are comprised of 3 preschools, 11 elementary schools, 3 middle schools, 1 large comprehensive high school, 1 continuation high school and 1 adult school (BUSD 2022). The nearest BUSD school to the project site is the Emerson Elementary School, located approximately 0.75 mile to the south.

There are no public parks within Hill Campus West of UC Berkeley. The area to the east of the project site contains recreational trails that connect 208-acre Claremont Canyon Regional Preserve, managed by the East Bay Regional Parks District. Approximately 0.5 miles northeast of the project site is the UC Berkeley Botanical Garden which is a 34-acre garden that is open to the public.

2.15.2 DISCUSSION

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

Fire and police protection? (Less than Significant)

The BFD and UCPD currently support the project site and would continue to provide fire and police protection services to the project site. During emergencies, other agencies may also be involved depending on severity of impact, and closest first responders available, as described in Section 1.15.1, Environmental Setting. The proposed project would not result in population growth within the area (see Section 2.14, Population and Housing). The use of the proposed project would be similar to the use of the existing softball field. The proposed project would somewhat increase the number of spectators associated with softball IA competitive events, as spectator seats would increase from approximately 1,340 to 1,511. The number of such competitive events would also somewhat increase from 15 to 20 events under existing conditions, to up to 25 events, if UC Berkeley is successful and plays in post-season competitive events. The proposed project would not otherwise substantially increase the overall use of the project site for recreational uses. Therefore, given that the proposed project would not result in population growth and would result in similar operations as under existing conditions, it would not result in increased demand for fire or police protection services on the campus and would not result in the need for new or physically altered fire or police protection facilities and the impact would be less than significant.

Schools, parks, and other public facilities? (No Impact)

Because the proposed project would serve the existing UC Berkeley enrollment levels and would not result in the generation of new students or the hiring of new employees, the project would not result in substantial school, park, or other public services impacts, as the project site would continue to support existing activities on campus. As the demand for services would not substantially increase, the proposed project would not result in the need for new or physically altered schools, parks, or other public facilities and no impact would occur.

Consequently, impacts related to public services would be less than significant and therefore will not be discussed in the pending EIR.

2.16 RECREATION

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XVI. RECREATION				
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	☐	☐	☒	☐

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	☐	☐	☒	☐

2.16.1 ENVIRONMENTAL SETTING

The project site contains the existing Cal Softball Field, which is the home for the UC Berkeley IA Women's Softball Program. Witter Rugby Field is directly to the west of the project site, and Strawberry Canyon Pool and the Haas Clubhouse are to the northeast. In addition, immediately south of the project site is a densely wooded area, which includes an unnamed recreational trail running eastward up into the Hill Campus East from the western end of Canyon Road.

2.16.2 DISCUSSION

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

The proposed project does not include residential land uses and would not increase population and, hence, demand for parks and recreational facilities would not increase. As the project would only involve improvements to the existing Cal Softball Field, which currently is used for softball practice, softball games, and other sports activities, it would not create increased demand for recreational facilities outside the project area. UC Berkeley IA and Rec Sports would coordinate scheduling to ensure access to the softball field and facilities is available to the students in an efficient manner. Therefore, implementation of the proposed project would not result in significant use of off-campus parks or recreational facilities or generate the need for new or expanded recreational facilities and therefore the impact would be less than significant.

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

The proposed project includes improvement of the existing IA softball field to support UC Berkeley's compliance with Title IX. Potential environmental impacts of the proposed project are discussed, evaluated, and identified throughout this Initial Study and most were determined to be less than significant. An EIR will be prepared for the proposed project to evaluate potentially significant impacts in detail, including impacts related to aesthetics, biological resources, cultural and tribal cultural resources, paleontological resources, noise, transportation, and wildfire.

Consequently, impacts related to the deterioration of recreational facilities would be less than significant and therefore will not be discussed in the pending EIR. As noted above, the pending EIR will evaluate potentially significant impacts in detail related to the construction and operation of proposed project, which is considered a recreational facility, as described under recreation impact question (b) above.

2.17 TRANSPORTATION

Implementation of the project would result in construction and operational activities that could result in potentially significant transportation impacts related to conflicts with transportation plans, ordinances, or policies; vehicle miles traveled; transportation hazards due to project design features; and inadequate emergency access. Further analysis is required to determine whether the project could potentially result in significant impacts; therefore, this topic will be analyzed further in the pending EIR.

2.18 TRIBAL CULTURAL RESOURCES

Implementation of the project would result in construction and operational activities that could cause a substantial adverse change in the significance of tribal cultural resources. Further analysis is required to determine whether the project could potentially result in significant impacts; therefore, this topic will be analyzed further in the pending EIR. This topic will be evaluated in the Cultural and Tribal Cultural Resources section in the pending EIR.

2.19 UTILITIES AND SERVICE SYSTEMS

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

2.19.1 ENVIRONMENTAL SETTING

Water Supply

Potable water is supplied to UC Berkeley by the EBMUD, and domestic and fire water system are served by connections from EBMUD mains in the surrounding streets. EBMUD's water supply system consists of a network of reservoirs, aqueducts, pipelines, water treatment plants, pumping plants, and other distribution facilities and pipelines that convey Mokelumne River water from Pardee Reservoir to EBMUD customers. The Orinda Water Treatment Plant serves all or parts of the cities of Alameda, Albany, Berkeley, El Cerrito, Emeryville, Moraga, Oakland, Orinda, Piedmont, Richmond and San Leandro. The plant has maximum capacity of 200 MGD (UC Berkeley 2021c).

After the water is treated, it is distributed throughout EBMUD's service area, which is divided into more than 130 pressure zones ranging in elevation from sea level to 1,450 feet above mean sea level. Approximately 50 percent of treated water is distributed to customers purely by gravity. The water distribution network includes 4,200 miles of pipe, 125 pumping plants, and 165 water distribution reservoirs. UC Berkeley is in EBMUD's Berryman, Stonewall, and Summit pressure zones (UC Berkeley 2021c). The project site is connected into EBMUD's higher-pressure zone (Summit pressure zone) (EBMUD 2020).

During drought conditions the Mokelumne River and local runoff cannot meet EBMUD's customer demands, even with mandatory water use restrictions. Furthermore, EBMUD's Mokelumne River supply is expected to be reduced as demands on the Mokelumne River increase from the growing needs of users in Amador, Calaveras, and San Joaquin counties with water rights that predate those of EBMUD. EBMUD has identified additional sources of water supply to meet long term demand. In 1970, EBMUD executed a contract with the United States Bureau of Reclamation (USBR) for delivery of Central Valley Project water from the American River. EBMUD's current contract with USBR provides for delivery of up to 133,000 AF in a single qualifying year, not to exceed a total of 165,000 AF in three consecutive qualifying years. In addition, EBMUD is partnering with the Placer County Water Agency on developing a long-term transfer agreement and is working with the Yuba County Water Agency on opportunities to purchase transfer water during dry years. EBMUD has also completed Phase 1 of the Bayside Groundwater Project that enables EBMUD to inject drinking water into the East Bay Plan groundwater basin during wet years and extract, treat, and distribute the groundwater as a supplemental supply during drought periods. EBMUD also reached an agreement with Contra Costa Water District to use storage space in the recently expanded Los Vaqueros Reservoir, with the option of purchasing up to 2,000 acre-feet of water (UC Berkeley 2021c).

Wastewater

EBMUD provides wastewater collection via the EBMUD sewer interceptors and wastewater treatment for the entire UC Berkeley campus. UC Berkeley pays EBMUD an annual NPDES permit fee, a monthly monitoring and testing charge, and a bimonthly wastewater treatment charge.

UC Berkeley operates and maintains its own sanitary sewer collection system that serves the Campus Park, the Clark Kerr Campus, the Hill Campus West and the Hill Campus East. Wastewater from the Hill Campus West and the City Environs properties discharge directly into the City of Berkeley sewer mains located in adjacent streets, where it flows to EBMUD's Main Wastewater Treatment Plant (MWWTP) in the City of Oakland.

The MWWTP has a primary treatment capacity of 320 million gallons per day (mgd) and a secondary treatment capacity of 168 mgd. Storage basins provide plant capacity for a short-term hydraulic peak of 415 mgd (EBMUD 2022). The average annual daily flow into the MWWTP is approximately 60 mgd (EBMUD 2021b), representing approximately 20% of the MWWTP's primary treatment capacity and approximately 38% of the MWWTP's secondary

treatment capacity. The treated effluent is disinfected and dechlorinated before being discharged into San Francisco Bay, approximately 1 mile off the East Bay shore (EBMUD 2021b).

Stormwater

The storm drain system maintained and operated by UC Berkeley encompasses the Campus Park, the Clark Kerr Campus, the Hill Campus West, and the Hill Campus East. Stormwater from the project site, which is within the Hill Campus West, is collected by UC Berkeley's internal storm drain network and eventually discharges to the City of Berkeley's storm drain system, which flows into the underground culverted Derby Creek.

Solid Waste

UC Berkeley provides solid waste collection and recycling services to the project site and campus wide. Cal Zero Waste operates trucks that collect UC Berkeley landfill waste, recyclables (paper and cardboard), and compost, and manages most vendor contracts for off-site hauling services for landfill materials, green waste, concrete, metal roll-offs, bottle and can pick-ups, and metals. All waste materials are transported off campus to facilities for processing. Landfill waste is transported to the Golden Bear Transfer Station in Richmond. It is then consolidated and hauled to Keller Canyon Landfill near Pittsburg.

The Keller Canyon Landfill has a permitted throughput of 3,500 tons per day with a maximum permitted capacity of 75,018,280 cubic yards and is projected to continue operation through December 2050 when it is expected to reach capacity and would have to be closed (CalRecycle 2022). As of November 2004, the remaining capacity at the Keller Canyon Landfill is 63,408,410 cy (CalRecycle 2022).

Electric Power, Natural Gas, and Telecommunications

UC Berkeley's utility infrastructure includes an interconnected system with electricity and natural gas provided by PG&E, as well as power to some sites provided by EBCE and the University of California wholesale power program; on-campus photovoltaic (PV) arrays; in-building chillers; a cogeneration plant on the Campus Park to produce steam and electricity that is powered by natural gas; and a steam plant on the Clark Kerr Campus. UC Berkeley's cogeneration plant provides approximately 90% of the electricity and 100% of the steam needs for the Campus Park and includes distribution infrastructure servicing approximately 120 UC Berkeley buildings.

2.19.2 DISCUSSION

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

The project would be connected through new service connections to existing electrical, water, sewer, storm drainage, and telecommunications systems and infrastructure located near the project site. In comparison to the existing use, the proposed project, which includes an improved softball field facility would generate a marginal increase in the demand for water supply, wastewater treatment, electric power, and telecommunications facilities. New drainage infrastructure would be included in the proposed project to accommodate stormwater flows and connect the project to existing storm drain infrastructure. While the proposed project would require new service connections, it would not require new or expanded off-site water, wastewater treatment, stormwater drainage, electric power, natural gas, or telecommunications facilities to adequately serve the project. The proposed project would be required to meet the energy

efficiency and green facility standards of the University of California Sustainable Practices Policy, the UC Berkeley Energy Use Policy, and the UC Berkeley Campus Design Standards. At a minimum, the project would be designed and constructed to the U.S. Green Building Council's LEED BD+C Silver Certification. Consistent with university carbon-free sustainability practices, the new concourse building would incorporate passive cooling, high solar reflectance surfaces, natural daylighting, radiant heat, low-flow fixtures, recycled materials, and LED lighting to reduce water and energy consumption.

Potential environmental impacts of the proposed project, including new utility connections, are discussed, evaluated, and identified throughout this Initial Study and most were determined to be less than significant. An EIR will be prepared for the proposed project to evaluate potentially significant impacts in detail, including impacts related to aesthetics, biological resources, cultural and tribal cultural resources, paleontological resources, noise, transportation, and wildfire.

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

The proposed project would be served by the existing EBMUD water supply and distribution system. EBMUD supplies water to parts of Alameda and Contra Costa counties, including UC Berkeley. Approximately 1.4 million people are currently served by EBMUD's water system in a 332-square-mile area extending from Crockett to the north, San Lorenzo, Castro Valley and San Ramon to the south, San Francisco Bay to the west, and Walnut Creek to the east (UC Berkeley 2021c). The Orinda Water Treatment Plant serves all or parts of the cities of Alameda, Albany, Berkeley, El Cerrito, Emeryville, Moraga, Oakland, Orinda, Piedmont, Richmond and San Leandro. The plant has maximum capacity of 200 million gallons per day (mgd) (UC Berkeley 2021c).

No new water sources or entitlements would be required for the proposed project. The project would use a total of approximately 4.7 million gallons per year (mgy) or water; of which 3.6 mgy would be for indoor uses and 1.1 mgy would be used for outdoor uses such as irrigation. Due to the lack of readily available information about existing water use for the project site, the above estimates reflect total water use with the project and do not represent the net increase in water demand; therefore, the estimates reflect a very conservative estimate of the likely increase in water demand with the project. Additionally, both outdoor water use for landscape irrigation and indoor water use would be reduced by 20 to 35 percent below baseline use on a square footage basis through more efficient equipment and watering using low evaporation schedules. As water demand would not likely substantially increase with the proposed project, the capacity of EBMUD's system is adequate to serve the project. Regardless, as part of the proposed project, UC Berkeley would implement CBPs related to water supplies listed here, where warranted:

- **CBP USS-1:** For development that increases water demand, UC Berkeley will continue to evaluate the size of existing distribution lines as well as pressure of the specific feed affected by development on a project-by-project basis, and necessary improvements will be incorporated into the scope of work for each project to maintain current service and performance levels. The design of the water distribution system, including fire flow, for new buildings will be coordinated among UC Berkeley, the East Bay Municipal Utility District, and the City of Berkeley Public Works Department and Fire Department.
- **CBP USS-3:** UC Berkeley will continue to incorporate specific water conservation measures into project design to reduce water consumption and wastewater generation. This could include the use of special air-flow aerators, water-saving shower heads, flush cycle reducers, low-volume toilets, weather-based or evapotranspiration irrigation controllers, drip irrigation systems, and the use of

drought resistant plantings in landscaped areas, and collaboration with the East Bay Municipal Utility District to explore suitable uses of recycled water.

- **CBP USS-4:** UC Berkeley will analyze water and sewer systems on a project-by-project basis to determine specific capacity considerations for both UC Berkeley systems and off-site municipal systems in the planning of any project proposed under the LRDP.

Therefore, proposed project impacts related to water supply would be less than significant.

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

As discussed above, EBMUD provides wastewater collection and treatment for UC Berkeley. The proposed project would generate wastewater associated with the improved concourse building, which would be treated by the EBMUD MWWTP. The proposed new concourse building would be larger than the existing Cal Softball Field structure and attendance would somewhat increase. The project would generate approximately 3.6 mgy of wastewater. Due to the lack of readily available information about existing wastewater generation for the project site, the above estimate reflects total wastewater generation with the project and does not represent the net increase; therefore, the estimate reflects a very conservative estimate of the likely increase in wastewater generation with the project. Although the size of the structure and attendance would increase, wastewater generation would not likely substantially increase with the proposed project. Therefore, the proposed project would not generate wastewater exceeding the capacity of the EBMUD MWWTP and the impact to wastewater treatment capacity would be less than significant.

The proposed project would be served by the existing wastewater infrastructure near the project site with a new service connection provided for the softball concourse building. The proposed project would not likely generate substantially more wastewater than under existing conditions and modification or expansion of the EBMUD wastewater distribution system would not be expected to be required. It is expected that EBMUD would have available capacity and services to accommodate the proposed project. Regardless, as part of the proposed project, UC Berkeley would implement CBPs related to sewer services listed here, where warranted:

- **CBP USS-5:** Payments to service providers to help fund wastewater treatment or collection facilities will conform to Section 54999 of the California Government Code, including, but not limited to, the following provisions:
  - Fees will be limited to the cost of capital construction or expansion.
  - Fees will be imposed only after an agreement has been negotiated by UC Berkeley and the service provider.
  - The service provider must demonstrate the fee is nondiscriminatory: i.e., the fee must not exceed an amount determined on the basis of the same objective criteria and methodology applied to comparable nonpublic users, and must not exceed the proportionate share of the cost of the facilities of benefit to the entity property being charged, based upon the proportionate share of use of those facilities.
  - The service provider must demonstrate the amount of the fee does not exceed the amount necessary to provide capital facilities for which the fee is charged.

Because the wastewater generation is not expected to substantially increase with the project, modification or expansion of the EBMUD wastewater distribution and treatment system would not be required. For these reasons, the proposed project impact related to wastewater treatment capacity would be less than significant.

It should be noted that EBMUD submitted a comment letter in January of 2020 during the public review of an Addendum to the 2020 LRDP EIR for the proposed project (EBMUD 2020). The letter indicated that EBMUD's MWWTP and interceptor system are anticipated to have adequate dry weather capacity to accommodate and treat the wastewater flows from the proposed project; however, concerns were expressed about wet weather flows. The letter indicates that the East Bay regional wastewater collection system experiences exceptionally high peak flows during storms due to excessive stormwater infiltration and inflow (I/I) that enters the system through cracks and misconnections in both public and private sewer lines. Discharges from three Wet Weather Facilities (WWF) that have been historically operated to provide primary treatment and disinfection for peak wet weather flows that exceed the capacity of the MWWTP need to be eliminated by 2036, which requires actions be taken over time to reduce I/I in the system.

The EBMUD comment letter states that the lead agency should require the following mitigation measures to contribute to I/I reductions: (1) replace or rehabilitate any existing sanitary sewer collection systems, including sewer lateral lines to ensure that such systems and line are free from defects or, alternatively, disconnected from the sanitary sewer collection systems, including sewer lateral lines to ensure that such systems and lines are free from defects or, alternatively, disconnected from the sanitary sewer system, and (2) ensure any new wastewater collection systems, including sewer lateral lines, for the project are constructed to prevent I/I to the maximum extent feasible while meeting all requirements contained in the Regional Private Sewer Lateral Ordinance and applicable municipal codes or Satellite Agency ordinances.

The University acknowledges the above comments from EBMUD. The University is located in Berkeley and is not covered by EBMUD's Regional Private Sewer Lateral Program. The UC Berkeley is not subject to the Ordinance because it is a state agency. However, UC Berkeley understands the importance of minimizing stormwater I/I into the sanitary sewer and addressing sewer lateral rehabilitation. The campus is implementing a comprehensive program that is reflective of the same goals as the Regional Ordinance. As explained above, because the wastewater generation is not expected to substantially increase with the Project, modification or expansion of the EBMUD wastewater distribution and treatment system would not be required. As indicated previously, project impacts related to wastewater would be less than significant.

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

Implementation of the proposed project would not generate solid waste in excess of existing standards, the capacity of local infrastructure, or otherwise impact the attainment of solid waste reduction goals. Solid waste is currently managed on campus by Cal Zero Waste. While the proposed project would result in an increase in solid waste generation over existing conditions, the Keller Canyon Landfill is expected to have capacity until 2050. Project construction and demolition activities would generate debris materials that would need to be removed from the site and recycled or disposed of. Project operation would generate a nominal amount of solid waste associated with practice and games. While average attendance fluctuates by season and team success, a modest increase in average attendance, maximum participants and spectators, and number of events, could result in a modest increase in solid waste generation over existing conditions. However, the amount of solid waste generated by the proposed project would constitute a negligible portion of the remaining available capacity of the Keller Canyon Landfill through 2050.

Regardless, as part of the proposed project, UC Berkeley would implement CBPs related to solid waste listed here, where warranted:

- **CBP USS-6:** UC Berkeley will continue to implement the Zero Waste requirements of the UC Sustainability Policy designed to reduce the total quantity of campus solid waste that is disposed of in landfills.
- **CBP USS-7:** In accordance with the CalGreen Code, and as required for Leadership in Energy and Environmental Design certification, contractors working for UC Berkeley will be required under their contracts to report their solid waste diversion according to UC Berkeley's waste management reporting requirements.

For these reasons, the proposed project impact related to landfill capacity would be less than significant.

e) Would the project comply with federal, state, and local management and reduction statutes and regulations related to solid waste? (No Impact)

The proposed project would comply with all applicable regulations related to solid waste and no impact would occur.

Consequently, impacts related to utilities and service systems would be less than significant and therefore will not be discussed in the pending EIR. As noted above, the pending EIR will evaluate potentially significant impacts in detail related to the construction and operation of proposed project, including proposed utility improvements, as described under utilities impact question (a) above.

2.20 WILDFIRE

Implementation of the project would result in construction and operational activities that could result in potentially significant wildfire impacts related to substantial impairment of an emergency response plan or evacuation plan and wildfire risks. Further analysis is required to determine whether the project could potentially result in significant impacts; therefore, this topic will be analyzed further in the pending EIR.

2.21 MANDATORY FINDINGS OF SIGNIFICANCE

Implementation of the proposed project would result in construction and operational activities that could result in potentially significant impacts related to one or more of the CEQA Mandatory Findings of Significance. The CEQA Mandatory Findings of Significance include whether the project would: (1) substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory; (2) have impacts that are individually limited, but cumulatively considerable; and (3) have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly.

Regarding impact category (3), conclusions provided in this Initial Study indicate that the proposed project would not cause substantial adverse effects on human beings, either directly or indirectly, related to Air Quality, Geology and Soils, Hazards and Hazardous Materials, and Public Services (see Sections 2.3, 2.7, 2.9 and 2.19); however, such effects related to Noise will be analyzed in the pending EIR. Additionally, further analysis is required to determine whether the project could potentially result in significant impacts related to the other components of the CEQA Mandatory Findings of Significance; therefore, this topic will be analyzed further in the pending EIR.

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APPENDIX A-1

CalEEMod Outputs

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Cal Softball Field Renovation Project - Max Day

Alameda County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	0.20	Acre	0.20	8,712.00	0
City Park	0.90	Acre	0.90	39,204.00	0
Health Club	60.43	1000sqft	1.01	60,429.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	63
Climate Zone	4			**Operational Year**	2024
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Cal Softball Field Renovation Project

Land Use - Proposed uses: 0.9 acre field (modeled as City Park), 60,429 sq ft of supportive buildings/structures (modeled as Health Club), and about 0.2 acres to be paved. ~2.11 acres to be graded

Construction Phase - Phase durations based on applicant input

Off-road Equipment - Default

Off-road Equipment - Default

Off-road Equipment - Default

Off-road Equipment - Default

Off-road Equipment - Default

Off-road Equipment - Default

Cal Softball Field Renovation Project - Max Day - Alameda County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Trips and VMT - Default assumptions except for vendor truck trips added to Site Preparation and Grading phases to account for water trucks

On-road Fugitive Dust - Default

Demolition - 2,410 sf of buildings/structures and 66,030 sf of impermeable surface to be demolished

Grading - Total soil import of 2,219 CY

Architectural Coating - Default

Vehicle Trips - Worst-case net increase of 316 daily trips based on "Average Event Day" scenario

Consumer Products - Default

Area Coating - Default

Landscape Equipment - Default. Conservative since landscaping likely minimal based on synthetic turf field.

Energy Use - No natural gas demand for the project as indicated by the applicant

Water And Wastewater - Zeroed out outdoor water for the proposed buildings/structures. Retained outdoor water for the "City Park" as a conservative estimate for the project since the field will be synthetic turf

Solid Waste - Default

Construction Off-road Equipment Mitigation - BAAQMD BMPs: Watering 2x/day and limiting vehicle speeds on unpaved areas to 15 mph. UCB will also require Tier 4 Final for all equipment >= 50 hp

Mobile Land Use Mitigation -

Waste Mitigation - 54% waste diversion based on current campus average

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00

Cal Softball Field Renovation Project - Max Day - Alameda County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	220.00	168.00
tblEnergyUse	NT24NG	6.67	0.00
tblEnergyUse	T24NG	19.51	0.00
tblGrading	MaterialImported	0.00	2,219.00
tblLandUse	LandUseSquareFeet	60,430.00	60,429.00
tblLandUse	LotAcreage	1.39	1.01
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblVehicleTrips	ST_TR	1.96	351.40
tblVehicleTrips	ST_TR	20.87	0.00
tblVehicleTrips	SU_TR	2.19	351.40
tblVehicleTrips	SU_TR	26.73	0.00
tblVehicleTrips	WD_TR	0.78	351.40
tblVehicleTrips	WD_TR	32.93	0.00
tblWater	OutdoorWaterUseRate	2,190,528.51	0.00

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	1.8601	20.4108	15.5509	0.0492	8.0288	0.6800	8.6857	3.6785	0.6360	4.2849	0.0000	5,074.8140	5,074.8140	0.7702	0.4764	5,234.5560
2024	63.5882	13.6504	15.3552	0.0318	0.4999	0.5446	1.0445	0.1354	0.5215	0.6569	0.0000	2,990.4451	2,990.4451	0.5446	0.0641	3,020.5277
Maximum	**63.5882**	**20.4108**	**15.5509**	**0.0492**	**8.0288**	**0.6800**	**8.6857**	**3.6785**	**0.6360**	**4.2849**	**0.0000**	**5,074.8140**	**5,074.8140**	**0.7702**	**0.4764**	**5,234.5560**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	1.1080	7.0358	16.8152	0.0492	4.1103	0.1984	4.1966	1.7914	0.1981	1.8754	0.0000	5,074.8140	5,074.8140	0.7702	0.4764	5,234.5560
2024	63.4371	5.8277	16.6911	0.0318	0.4999	0.1754	0.6753	0.1354	0.1750	0.3104	0.0000	2,990.4451	2,990.4451	0.5446	0.0641	3,020.5277
Maximum	**63.4371**	**7.0358**	**16.8152**	**0.0492**	**4.1103**	**0.1984**	**4.1966**	**1.7914**	**0.1981**	**1.8754**	**0.0000**	**5,074.8140**	**5,074.8140**	**0.7702**	**0.4764**	**5,234.5560**

Cal Softball Field Renovation Project - Max Day - Alameda County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	1.38	62.23	-8.41	0.00	45.94	69.48	49.93	49.48	67.77	55.77	0.00	0.00	0.00	0.00	0.00	0.00

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.4725	6.0000e-005	6.2700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0135	0.0135	4.0000e-005		0.0143
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.7694	0.7671	6.1135	0.0138	1.4216	9.8600e-003	1.4314	0.3786	9.1900e-003	0.3878		1,399.9605	1,399.9605	0.0818	0.0674	1,422.0924
Total	**2.2419**	**0.7672**	**6.1197**	**0.0138**	**1.4216**	**9.8800e-003**	**1.4315**	**0.3786**	**9.2100e-003**	**0.3878**		**1,399.9740**	**1,399.9740**	**0.0818**	**0.0674**	**1,422.1068**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.4725	6.0000e-005	6.2700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0135	0.0135	4.0000e-005		0.0143
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.7694	0.7671	6.1135	0.0138	1.4216	9.8600e-003	1.4314	0.3786	9.1900e-003	0.3878		1,399.9605	1,399.9605	0.0818	0.0674	1,422.0924
Total	**2.2419**	**0.7672**	**6.1197**	**0.0138**	**1.4216**	**9.8800e-003**	**1.4315**	**0.3786**	**9.2100e-003**	**0.3878**		**1,399.9740**	**1,399.9740**	**0.0818**	**0.0674**	**1,422.1068**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	6/1/2023	6/28/2023	5	20	
2	Site Preparation	Site Preparation	6/29/2023	7/3/2023	5	3	
3	Grading	Grading	7/4/2023	7/11/2023	5	6	
4	Building Construction	Building Construction	7/12/2023	3/1/2024	5	168	
5	Paving	Paving	3/2/2024	3/15/2024	5	10	
6	Architectural Coating	Architectural Coating	3/16/2024	3/29/2024	5	10	

Acres of Grading (Site Preparation Phase): 4.5

Acres of Grading (Grading Phase): 6

Acres of Paving: 0.2

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 90,644; Non-Residential Outdoor: 30,215; Striped Parking Area: 523 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Scrapers	1	8.00	367	0.48

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Site Preparation	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	7.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	13.00	0.00	51.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	2.00	277.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	8	46.00	18.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	9.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5536	0.0000	0.5536	0.0838	0.0000	0.0838			0.0000			0.0000
Off-Road	1.4725	14.3184	13.4577	0.0241		0.6766	0.6766		0.6328	0.6328		2,324.3959	2,324.3959	0.5893		2,339.1278
Total	**1.4725**	**14.3184**	**13.4577**	**0.0241**	**0.5536**	**0.6766**	**1.2302**	**0.0838**	**0.6328**	**0.7166**		**2,324.3959**	**2,324.3959**	**0.5893**		**2,339.1278**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	5.4100e-003	0.3227	0.0756	1.5200e-003	0.0447	2.8500e-003	0.0475	0.0123	2.7300e-003	0.0150		163.7139	163.7139	3.4800e-003	0.0259	171.5087
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0361	0.0206	0.3115	9.3000e-004	0.1068	5.3000e-004	0.1073	0.0283	4.9000e-004	0.0288		94.3961	94.3961	2.4500e-003	2.2800e-003	95.1366
Total	**0.0415**	**0.3433**	**0.3870**	**2.4500e-003**	**0.1515**	**3.3800e-003**	**0.1549**	**0.0406**	**3.2200e-003**	**0.0438**		**258.1100**	**258.1100**	**5.9300e-003**	**0.0282**	**266.6453**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2491	0.0000	0.2491	0.0377	0.0000	0.0377			0.0000			0.0000
Off-Road	0.2811	1.2179	14.7184	0.0241		0.0375	0.0375		0.0375	0.0375	0.0000	2,324.3959	2,324.3959	0.5893		2,339.1278
Total	**0.2811**	**1.2179**	**14.7184**	**0.0241**	**0.2491**	**0.0375**	**0.2866**	**0.0377**	**0.0375**	**0.0752**	**0.0000**	**2,324.3959**	**2,324.3959**	**0.5893**		**2,339.1278**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	5.4100e-003	0.3227	0.0756	1.5200e-003	0.0447	2.8500e-003	0.0475	0.0123	2.7300e-003	0.0150		163.7139	163.7139	3.4800e-003	0.0259	171.5087
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0361	0.0206	0.3115	9.3000e-004	0.1068	5.3000e-004	0.1073	0.0283	4.9000e-004	0.0288		94.3961	94.3961	2.4500e-003	2.2800e-003	95.1366
Total	**0.0415**	**0.3433**	**0.3870**	**2.4500e-003**	**0.1515**	**3.3800e-003**	**0.1549**	**0.0406**	**3.2200e-003**	**0.0438**		**258.1100**	**258.1100**	**5.9300e-003**	**0.0282**	**266.6453**

3.3 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.5908	0.0000	1.5908	0.1718	0.0000	0.1718			0.0000			0.0000
Off-Road	1.3027	14.2802	9.7820	0.0245		0.5419	0.5419		0.4985	0.4985		2,374.8634	2,374.8634	0.7681		2,394.0654
Total	**1.3027**	**14.2802**	**9.7820**	**0.0245**	**1.5908**	**0.5419**	**2.1326**	**0.1718**	**0.4985**	**0.6703**		**2,374.8634**	**2,374.8634**	**0.7681**		**2,394.0654**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0700e-003	0.0843	0.0261	4.0000e-004	0.0136	5.3000e-004	0.0141	3.9000e-003	5.0000e-004	4.4100e-003		42.6167	42.6167	5.8000e-004	6.3800e-003	44.5319
Worker	0.0222	0.0127	0.1917	5.7000e-004	0.0657	3.3000e-004	0.0661	0.0174	3.0000e-004	0.0177		58.0899	58.0899	1.5100e-003	1.4000e-003	58.5456
Total	**0.0243**	**0.0970**	**0.2177**	**9.7000e-004**	**0.0793**	**8.6000e-004**	**0.0801**	**0.0213**	**8.0000e-004**	**0.0221**		**100.7067**	**100.7067**	**2.0900e-003**	**7.7800e-003**	**103.0775**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7158	0.0000	0.7158	0.0773	0.0000	0.0773			0.0000			0.0000
Off-Road	0.3008	1.3034	11.8595	0.0245		0.0401	0.0401		0.0401	0.0401	0.0000	2,374.8634	2,374.8634	0.7681		2,394.0654
Total	**0.3008**	**1.3034**	**11.8595**	**0.0245**	**0.7158**	**0.0401**	**0.7559**	**0.0773**	**0.0401**	**0.1174**	**0.0000**	**2,374.8634**	**2,374.8634**	**0.7681**		**2,394.0654**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0700e-003	0.0843	0.0261	4.0000e-004	0.0136	5.3000e-004	0.0141	3.9000e-003	5.0000e-004	4.4100e-003		42.6167	42.6167	5.8000e-004	6.3800e-003	44.5319
Worker	0.0222	0.0127	0.1917	5.7000e-004	0.0657	3.3000e-004	0.0661	0.0174	3.0000e-004	0.0177		58.0899	58.0899	1.5100e-003	1.4000e-003	58.5456
Total	**0.0243**	**0.0970**	**0.2177**	**9.7000e-004**	**0.0793**	**8.6000e-004**	**0.0801**	**0.0213**	**8.0000e-004**	**0.0221**		**100.7067**	**100.7067**	**2.0900e-003**	**7.7800e-003**	**103.0775**

3.4 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.1244	0.0000	7.1244	3.4311	0.0000	3.4311			0.0000			0.0000
Off-Road	1.3330	14.4676	8.7038	0.0206		0.6044	0.6044		0.5560	0.5560		1,995.6147	1,995.6147	0.6454		2,011.7503
Total	**1.3330**	**14.4676**	**8.7038**	**0.0206**	**7.1244**	**0.6044**	**7.7288**	**3.4311**	**0.5560**	**3.9871**		**1,995.6147**	**1,995.6147**	**0.6454**		**2,011.7503**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0980	5.8430	1.3684	0.0275	0.8087	0.0517	0.8603	0.2218	0.0494	0.2712		2,963.9702	2,963.9702	0.0630	0.4683	3,105.0918
Vendor	2.0700e-003	0.0843	0.0261	4.0000e-004	0.0136	5.3000e-004	0.0141	3.9000e-003	5.0000e-004	4.4100e-003		42.6167	42.6167	5.8000e-004	6.3800e-003	44.5319
Worker	0.0278	0.0158	0.2396	7.2000e-004	0.0822	4.1000e-004	0.0826	0.0218	3.8000e-004	0.0222		72.6124	72.6124	1.8900e-003	1.7500e-003	73.1820
Total	**0.1278**	**5.9431**	**1.6340**	**0.0286**	**0.9044**	**0.0526**	**0.9570**	**0.2474**	**0.0503**	**0.2978**		**3,079.1993**	**3,079.1993**	**0.0655**	**0.4764**	**3,222.8057**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.2060	0.0000	3.2060	1.5440	0.0000	1.5440			0.0000			0.0000
Off-Road	0.2522	1.0927	10.9071	0.0206		0.0336	0.0336		0.0336	0.0336	0.0000	1,995.6147	1,995.6147	0.6454		2,011.7503
Total	**0.2522**	**1.0927**	**10.9071**	**0.0206**	**3.2060**	**0.0336**	**3.2396**	**1.5440**	**0.0336**	**1.5776**	**0.0000**	**1,995.6147**	**1,995.6147**	**0.6454**		**2,011.7503**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0980	5.8430	1.3684	0.0275	0.8087	0.0517	0.8603	0.2218	0.0494	0.2712		2,963.9702	2,963.9702	0.0630	0.4683	3,105.0918
Vendor	2.0700e-003	0.0843	0.0261	4.0000e-004	0.0136	5.3000e-004	0.0141	3.9000e-003	5.0000e-004	4.4100e-003		42.6167	42.6167	5.8000e-004	6.3800e-003	44.5319
Worker	0.0278	0.0158	0.2396	7.2000e-004	0.0822	4.1000e-004	0.0826	0.0218	3.8000e-004	0.0222		72.6124	72.6124	1.8900e-003	1.7500e-003	73.1820
Total	**0.1278**	**5.9431**	**1.6340**	**0.0286**	**0.9044**	**0.0526**	**0.9570**	**0.2474**	**0.0503**	**0.2978**		**3,079.1993**	**3,079.1993**	**0.0655**	**0.4764**	**3,222.8057**

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7136	13.6239	14.2145	0.0250		0.6136	0.6136		0.5880	0.5880		2,289.5233	2,289.5233	0.4330		2,300.3479
Total	**1.7136**	**13.6239**	**14.2145**	**0.0250**		**0.6136**	**0.6136**		**0.5880**	**0.5880**		**2,289.5233**	**2,289.5233**	**0.4330**		**2,300.3479**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0186	0.7590	0.2344	3.5900e-003	0.1220	4.7400e-003	0.1267	0.0351	4.5400e-003	0.0397		383.5506	383.5506	5.2500e-003	0.0574	400.7874
Worker	0.1279	0.0727	1.1020	3.3000e-003	0.3779	1.8900e-003	0.3798	0.1002	1.7400e-003	0.1020		334.0171	334.0171	8.6700e-003	8.0600e-003	336.6372
Total	**0.1465**	**0.8318**	**1.3365**	**6.8900e-003**	**0.4999**	**6.6300e-003**	**0.5065**	**0.1354**	**6.2800e-003**	**0.1416**		**717.5677**	**717.5677**	**0.0139**	**0.0655**	**737.4246**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9615	5.1202	15.4788	0.0250		0.1918	0.1918		0.1918	0.1918	0.0000	2,289.5233	2,289.5233	0.4330		2,300.3479
Total	**0.9615**	**5.1202**	**15.4788**	**0.0250**		**0.1918**	**0.1918**		**0.1918**	**0.1918**	**0.0000**	**2,289.5233**	**2,289.5233**	**0.4330**		**2,300.3479**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0186	0.7590	0.2344	3.5900e-003	0.1220	4.7400e-003	0.1267	0.0351	4.5400e-003	0.0397		383.5506	383.5506	5.2500e-003	0.0574	400.7874
Worker	0.1279	0.0727	1.1020	3.3000e-003	0.3779	1.8900e-003	0.3798	0.1002	1.7400e-003	0.1020		334.0171	334.0171	8.6700e-003	8.0600e-003	336.6372
Total	**0.1465**	**0.8318**	**1.3365**	**6.8900e-003**	**0.4999**	**6.6300e-003**	**0.5065**	**0.1354**	**6.2800e-003**	**0.1416**		**717.5677**	**717.5677**	**0.0139**	**0.0655**	**737.4246**

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5971	12.8235	14.1002	0.0250		0.5381	0.5381		0.5153	0.5153		2,289.6541	2,289.6541	0.4265		2,300.3154
Total	**1.5971**	**12.8235**	**14.1002**	**0.0250**		**0.5381**	**0.5381**		**0.5153**	**0.5153**		**2,289.6541**	**2,289.6541**	**0.4265**		**2,300.3154**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0182	0.7620	0.2300	3.5400e-003	0.1220	4.7900e-003	0.1268	0.0351	4.5800e-003	0.0397		377.6307	377.6307	5.2400e-003	0.0566	394.6142
Worker	0.1192	0.0649	1.0250	3.2000e-003	0.3779	1.8000e-003	0.3797	0.1002	1.6500e-003	0.1019		323.1604	323.1604	7.8500e-003	7.5200e-003	325.5981
Total	**0.1374**	**0.8270**	**1.2550**	**6.7400e-003**	**0.4999**	**6.5900e-003**	**0.5065**	**0.1354**	**6.2300e-003**	**0.1416**		**700.7910**	**700.7910**	**0.0131**	**0.0641**	**720.2123**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9057	5.0008	15.4361	0.0250		0.1688	0.1688		0.1688	0.1688	0.0000	2,289.6541	2,289.6541	0.4265		2,300.3154
Total	**0.9057**	**5.0008**	**15.4361**	**0.0250**		**0.1688**	**0.1688**		**0.1688**	**0.1688**	**0.0000**	**2,289.6541**	**2,289.6541**	**0.4265**		**2,300.3154**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0182	0.7620	0.2300	3.5400e-003	0.1220	4.7900e-003	0.1268	0.0351	4.5800e-003	0.0397		377.6307	377.6307	5.2400e-003	0.0566	394.6142
Worker	0.1192	0.0649	1.0250	3.2000e-003	0.3779	1.8000e-003	0.3797	0.1002	1.6500e-003	0.1019		323.1604	323.1604	7.8500e-003	7.5200e-003	325.5981
Total	**0.1374**	**0.8270**	**1.2550**	**6.7400e-003**	**0.4999**	**6.5900e-003**	**0.5065**	**0.1354**	**6.2300e-003**	**0.1416**		**700.7910**	**700.7910**	**0.0131**	**0.0641**	**720.2123**

3.6 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8425	8.1030	11.7069	0.0179		0.3957	0.3957		0.3652	0.3652		1,710.2024	1,710.2024	0.5420		1,723.7529
Paving	0.0524					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.8949**	**8.1030**	**11.7069**	**0.0179**		**0.3957**	**0.3957**		**0.3652**	**0.3652**		**1,710.2024**	**1,710.2024**	**0.5420**		**1,723.7529**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Paving - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0389	0.0212	0.3343	1.0400e-003	0.1232	5.9000e-004	0.1238	0.0327	5.4000e-004	0.0332		105.3784	105.3784	2.5600e-003	2.4500e-003	106.1733
Total	**0.0389**	**0.0212**	**0.3343**	**1.0400e-003**	**0.1232**	**5.9000e-004**	**0.1238**	**0.0327**	**5.4000e-004**	**0.0332**		**105.3784**	**105.3784**	**2.5600e-003**	**2.4500e-003**	**106.1733**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2691	1.2799	13.2821	0.0179		0.0424	0.0424		0.0424	0.0424	0.0000	1,710.2024	1,710.2024	0.5420		1,723.7529
Paving	0.0524					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3215**	**1.2799**	**13.2821**	**0.0179**		**0.0424**	**0.0424**		**0.0424**	**0.0424**	**0.0000**	**1,710.2024**	**1,710.2024**	**0.5420**		**1,723.7529**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Paving - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0389	0.0212	0.3343	1.0400e-003	0.1232	5.9000e-004	0.1238	0.0327	5.4000e-004	0.0332		105.3784	105.3784	2.5600e-003	2.4500e-003	106.1733
Total	**0.0389**	**0.0212**	**0.3343**	**1.0400e-003**	**0.1232**	**5.9000e-004**	**0.1238**	**0.0327**	**5.4000e-004**	**0.0332**		**105.3784**	**105.3784**	**2.5600e-003**	**2.4500e-003**	**106.1733**

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	63.3841					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
Total	**63.5649**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**		**281.4481**	**281.4481**	**0.0159**		**281.8443**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0233	0.0127	0.2006	6.3000e-004	0.0739	3.5000e-004	0.0743	0.0196	3.2000e-004	0.0199		63.2270	63.2270	1.5400e-003	1.4700e-003	63.7040
Total	**0.0233**	**0.0127**	**0.2006**	**6.3000e-004**	**0.0739**	**3.5000e-004**	**0.0743**	**0.0196**	**3.2000e-004**	**0.0199**		**63.2270**	**63.2270**	**1.5400e-003**	**1.4700e-003**	**63.7040**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	63.3841					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0159		281.8443
Total	**63.4138**	**0.1288**	**1.8324**	**2.9700e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**	**0.0000**	**281.4481**	**281.4481**	**0.0159**		**281.8443**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0233	0.0127	0.2006	6.3000e-004	0.0739	3.5000e-004	0.0743	0.0196	3.2000e-004	0.0199		63.2270	63.2270	1.5400e-003	1.4700e-003	63.7040
Total	**0.0233**	**0.0127**	**0.2006**	**6.3000e-004**	**0.0739**	**3.5000e-004**	**0.0743**	**0.0196**	**3.2000e-004**	**0.0199**		**63.2270**	**63.2270**	**1.5400e-003**	**1.4700e-003**	**63.7040**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.7694	0.7671	6.1135	0.0138	1.4216	9.8600e-003	1.4314	0.3786	9.1900e-003	0.3878		1,399.9605	1,399.9605	0.0818	0.0674	1,422.0924
Unmitigated	0.7694	0.7671	6.1135	0.0138	1.4216	9.8600e-003	1.4314	0.3786	9.1900e-003	0.3878		1,399.9605	1,399.9605	0.0818	0.0674	1,422.0924

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	316.26	316.26	316.26	675,169	675,169
Health Club	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	316.26	316.26	316.26	675,169	675,169

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Health Club	9.50	7.30	7.30	16.90	64.10	19.00	52	39	9
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.569946	0.056495	0.180011	0.112201	0.020944	0.005169	0.013608	0.012941	0.000792	0.000570	0.024535	0.000337	0.002451
Health Club	0.569946	0.056495	0.180011	0.112201	0.020944	0.005169	0.013608	0.012941	0.000792	0.000570	0.024535	0.000337	0.002451

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Other Asphalt Surfaces	0.569946	0.056495	0.180011	0.112201	0.020944	0.005169	0.013608	0.012941	0.000792	0.000570	0.024535	0.000337	0.002451

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Health Club	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Health Club	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

Cal Softball Field Renovation Project - Max Day - Alameda County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.4725	6.0000e-005	6.2700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0135	0.0135	4.0000e-005		0.0143
Unmitigated	1.4725	6.0000e-005	6.2700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0135	0.0135	4.0000e-005		0.0143

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1737					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.2983					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.8000e-004	6.0000e-005	6.2700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0135	0.0135	4.0000e-005		0.0143
Total	**1.4725**	**6.0000e-005**	**6.2700e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**		**0.0135**	**0.0135**	**4.0000e-005**		**0.0143**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1737					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.2983					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.8000e-004	6.0000e-005	6.2700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0135	0.0135	4.0000e-005		0.0143
Total	**1.4725**	**6.0000e-005**	**6.2700e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**		**0.0135**	**0.0135**	**4.0000e-005**		**0.0143**

7.0 Water Detail

7.1 Mitigation Measures Water

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Cal Softball Field Renovation Project - Max Day

Alameda County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	0.20	Acre	0.20	8,712.00	0
City Park	0.90	Acre	0.90	39,204.00	0
Health Club	60.43	1000sqft	1.01	60,429.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	63
Climate Zone	4			**Operational Year**	2024
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Cal Softball Field Renovation Project

Land Use - Proposed uses: 0.9 acre field (modeled as City Park), 60,429 sq ft of supportive buildings/structures (modeled as Health Club), and about 0.2 acres to be paved. ~2.11 acres to be graded

Construction Phase - Phase durations based on applicant input

Off-road Equipment - Default

Off-road Equipment - Default

Off-road Equipment - Default

Off-road Equipment - Default

Off-road Equipment - Default

Off-road Equipment - Default

Cal Softball Field Renovation Project - Max Day - Alameda County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Trips and VMT - Default assumptions except for vendor truck trips added to Site Preparation and Grading phases to account for water trucks

On-road Fugitive Dust - Default

Demolition - 2,410 sf of buildings/structures and 66,030 sf of impermeable surface to be demolished

Grading - Total soil import of 2,219 CY

Architectural Coating - Default

Vehicle Trips - Worst-case net increase of 316 daily trips based on "Average Event Day" scenario

Consumer Products - Default

Area Coating - Default

Landscape Equipment - Default. Conservative since landscaping likely minimal based on synthetic turf field.

Energy Use - No natural gas demand for the project as indicated by the applicant

Water And Wastewater - Zeroed out outdoor water for the proposed buildings/structures. Retained outdoor water for the "City Park" as a conservative estimate for the project since the field will be synthetic turf

Solid Waste - Default

Construction Off-road Equipment Mitigation - BAAQMD BMPs: Watering 2x/day and limiting vehicle speeds on unpaved areas to 15 mph. UCB will also require Tier 4 Final for all equipment >= 50 hp

Mobile Land Use Mitigation -

Waste Mitigation - 54% waste diversion based on current campus average

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00

Cal Softball Field Renovation Project - Max Day - Alameda County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	220.00	168.00
tblEnergyUse	NT24NG	6.67	0.00
tblEnergyUse	T24NG	19.51	0.00
tblGrading	MaterialImported	0.00	2,219.00
tblLandUse	LandUseSquareFeet	60,430.00	60,429.00
tblLandUse	LotAcreage	1.39	1.01
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblVehicleTrips	ST_TR	1.96	351.40
tblVehicleTrips	ST_TR	20.87	0.00
tblVehicleTrips	SU_TR	2.19	351.40
tblVehicleTrips	SU_TR	26.73	0.00
tblVehicleTrips	WD_TR	0.78	351.40
tblVehicleTrips	WD_TR	32.93	0.00
tblWater	OutdoorWaterUseRate	2,190,528.51	0.00

Cal Softball Field Renovation Project - Max Day - Alameda County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	1.8614	20.7633	15.5156	0.0492	8.0288	0.6800	8.6858	3.6785	0.6360	4.2849	0.0000	5,072.9333	5,072.9333	0.7704	0.4772	5,232.9180
2024	63.5886	13.7114	15.3264	0.0315	0.4999	0.5447	1.0445	0.1354	0.5215	0.6569	0.0000	2,967.9666	2,967.9666	0.5450	0.0654	2,998.4684
Maximum	**63.5886**	**20.7633**	**15.5156**	**0.0492**	**8.0288**	**0.6800**	**8.6858**	**3.6785**	**0.6360**	**4.2849**	**0.0000**	**5,072.9333**	**5,072.9333**	**0.7704**	**0.4772**	**5,232.9180**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	1.1092	7.3883	16.7799	0.0492	4.1103	0.1985	4.1966	1.7914	0.1981	1.8754	0.0000	5,072.9333	5,072.9333	0.7704	0.4772	5,232.9180
2024	63.4376	5.8887	16.6623	0.0315	0.4999	0.1754	0.6753	0.1354	0.1751	0.3104	0.0000	2,967.9666	2,967.9666	0.5450	0.0654	2,998.4684
Maximum	**63.4376**	**7.3883**	**16.7799**	**0.0492**	**4.1103**	**0.1985**	**4.1966**	**1.7914**	**0.1981**	**1.8754**	**0.0000**	**5,072.9333**	**5,072.9333**	**0.7704**	**0.4772**	**5,232.9180**

Cal Softball Field Renovation Project - Max Day - Alameda County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	1.38	61.49	-8.43	0.00	45.94	69.47	49.93	49.48	67.76	55.77	0.00	0.00	0.00	0.00	0.00	0.00

Cal Softball Field Renovation Project - Max Day - Alameda County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.4725	6.0000e-005	6.2700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0135	0.0135	4.0000e-005		0.0143
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.6834	0.8797	6.6231	0.0130	1.4216	9.8700e-003	1.4315	0.3786	9.2000e-003	0.3878		1,323.2568	1,323.2568	0.0939	0.0736	1,347.5447
Total	**2.1560**	**0.8798**	**6.6294**	**0.0130**	**1.4216**	**9.8900e-003**	**1.4315**	**0.3786**	**9.2200e-003**	**0.3878**		**1,323.2703**	**1,323.2703**	**0.0939**	**0.0736**	**1,347.5590**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.4725	6.0000e-005	6.2700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0135	0.0135	4.0000e-005		0.0143
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.6834	0.8797	6.6231	0.0130	1.4216	9.8700e-003	1.4315	0.3786	9.2000e-003	0.3878		1,323.2568	1,323.2568	0.0939	0.0736	1,347.5447
Total	**2.1560**	**0.8798**	**6.6294**	**0.0130**	**1.4216**	**9.8900e-003**	**1.4315**	**0.3786**	**9.2200e-003**	**0.3878**		**1,323.2703**	**1,323.2703**	**0.0939**	**0.0736**	**1,347.5590**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	6/1/2023	6/28/2023	5	20	
2	Site Preparation	Site Preparation	6/29/2023	7/3/2023	5	3	
3	Grading	Grading	7/4/2023	7/11/2023	5	6	
4	Building Construction	Building Construction	7/12/2023	3/1/2024	5	168	
5	Paving	Paving	3/2/2024	3/15/2024	5	10	
6	Architectural Coating	Architectural Coating	3/16/2024	3/29/2024	5	10	

Acres of Grading (Site Preparation Phase): 4.5

Acres of Grading (Grading Phase): 6

Acres of Paving: 0.2

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 90,644; Non-Residential Outdoor: 30,215; Striped Parking Area: 523 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Scrapers	1	8.00	367	0.48

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Site Preparation	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	7.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	13.00	0.00	51.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	2.00	277.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	8	46.00	18.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	9.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5536	0.0000	0.5536	0.0838	0.0000	0.0838			0.0000			0.0000
Off-Road	1.4725	14.3184	13.4577	0.0241		0.6766	0.6766		0.6328	0.6328		2,324.3959	2,324.3959	0.5893		2,339.1278
Total	**1.4725**	**14.3184**	**13.4577**	**0.0241**	**0.5536**	**0.6766**	**1.2302**	**0.0838**	**0.6328**	**0.7166**		**2,324.3959**	**2,324.3959**	**0.5893**		**2,339.1278**

Cal Softball Field Renovation Project - Max Day - Alameda County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	5.0600e-003	0.3417	0.0767	1.5200e-003	0.0447	2.8600e-003	0.0475	0.0123	2.7300e-003	0.0150		163.8936	163.8936	3.4600e-003	0.0259	171.6967
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0367	0.0255	0.2993	8.7000e-004	0.1068	5.3000e-004	0.1073	0.0283	4.9000e-004	0.0288		87.6277	87.6277	2.8000e-003	2.6400e-003	88.4831
Total	**0.0418**	**0.3673**	**0.3759**	**2.3900e-003**	**0.1515**	**3.3900e-003**	**0.1549**	**0.0406**	**3.2200e-003**	**0.0438**		**251.5213**	**251.5213**	**6.2600e-003**	**0.0285**	**260.1798**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2491	0.0000	0.2491	0.0377	0.0000	0.0377			0.0000			0.0000
Off-Road	0.2811	1.2179	14.7184	0.0241		0.0375	0.0375		0.0375	0.0375	0.0000	2,324.3959	2,324.3959	0.5893		2,339.1278
Total	**0.2811**	**1.2179**	**14.7184**	**0.0241**	**0.2491**	**0.0375**	**0.2866**	**0.0377**	**0.0375**	**0.0752**	**0.0000**	**2,324.3959**	**2,324.3959**	**0.5893**		**2,339.1278**

Cal Softball Field Renovation Project - Max Day - Alameda County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	5.0600e-003	0.3417	0.0767	1.5200e-003	0.0447	2.8600e-003	0.0475	0.0123	2.7300e-003	0.0150		163.8936	163.8936	3.4600e-003	0.0259	171.6967
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0367	0.0255	0.2993	8.7000e-004	0.1068	5.3000e-004	0.1073	0.0283	4.9000e-004	0.0288		87.6277	87.6277	2.8000e-003	2.6400e-003	88.4831
Total	**0.0418**	**0.3673**	**0.3759**	**2.3900e-003**	**0.1515**	**3.3900e-003**	**0.1549**	**0.0406**	**3.2200e-003**	**0.0438**		**251.5213**	**251.5213**	**6.2600e-003**	**0.0285**	**260.1798**

3.3 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.5908	0.0000	1.5908	0.1718	0.0000	0.1718			0.0000			0.0000
Off-Road	1.3027	14.2802	9.7820	0.0245		0.5419	0.5419		0.4985	0.4985		2,374.8634	2,374.8634	0.7681		2,394.0654
Total	**1.3027**	**14.2802**	**9.7820**	**0.0245**	**1.5908**	**0.5419**	**2.1326**	**0.1718**	**0.4985**	**0.6703**		**2,374.8634**	**2,374.8634**	**0.7681**		**2,394.0654**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.9700e-003	0.0894	0.0269	4.0000e-004	0.0136	5.3000e-004	0.0141	3.9000e-003	5.1000e-004	4.4100e-003		42.6884	42.6884	5.8000e-004	6.3900e-003	44.6084
Worker	0.0226	0.0157	0.1842	5.3000e-004	0.0657	3.3000e-004	0.0661	0.0174	3.0000e-004	0.0177		53.9247	53.9247	1.7200e-003	1.6200e-003	54.4511
Total	**0.0246**	**0.1051**	**0.2111**	**9.3000e-004**	**0.0793**	**8.6000e-004**	**0.0801**	**0.0213**	**8.1000e-004**	**0.0221**		**96.6132**	**96.6132**	**2.3000e-003**	**8.0100e-003**	**99.0595**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7158	0.0000	0.7158	0.0773	0.0000	0.0773			0.0000			0.0000
Off-Road	0.3008	1.3034	11.8595	0.0245		0.0401	0.0401		0.0401	0.0401	0.0000	2,374.8634	2,374.8634	0.7681		2,394.0654
Total	**0.3008**	**1.3034**	**11.8595**	**0.0245**	**0.7158**	**0.0401**	**0.7559**	**0.0773**	**0.0401**	**0.1174**	**0.0000**	**2,374.8634**	**2,374.8634**	**0.7681**		**2,394.0654**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.9700e-003	0.0894	0.0269	4.0000e-004	0.0136	5.3000e-004	0.0141	3.9000e-003	5.1000e-004	4.4100e-003		42.6884	42.6884	5.8000e-004	6.3900e-003	44.6084
Worker	0.0226	0.0157	0.1842	5.3000e-004	0.0657	3.3000e-004	0.0661	0.0174	3.0000e-004	0.0177		53.9247	53.9247	1.7200e-003	1.6200e-003	54.4511
Total	**0.0246**	**0.1051**	**0.2111**	**9.3000e-004**	**0.0793**	**8.6000e-004**	**0.0801**	**0.0213**	**8.1000e-004**	**0.0221**		**96.6132**	**96.6132**	**2.3000e-003**	**8.0100e-003**	**99.0595**

3.4 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.1244	0.0000	7.1244	3.4311	0.0000	3.4311			0.0000			0.0000
Off-Road	1.3330	14.4676	8.7038	0.0206		0.6044	0.6044		0.5560	0.5560		1,995.6147	1,995.6147	0.6454		2,011.7503
Total	**1.3330**	**14.4676**	**8.7038**	**0.0206**	**7.1244**	**0.6044**	**7.7288**	**3.4311**	**0.5560**	**3.9871**		**1,995.6147**	**1,995.6147**	**0.6454**		**2,011.7503**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0915	6.1867	1.3884	0.0275	0.8087	0.0518	0.8604	0.2218	0.0495	0.2713		2,967.2242	2,967.2242	0.0627	0.4688	3,108.4955
Vendor	1.9700e-003	0.0894	0.0269	4.0000e-004	0.0136	5.3000e-004	0.0141	3.9000e-003	5.1000e-004	4.4100e-003		42.6884	42.6884	5.8000e-004	6.3900e-003	44.6084
Worker	0.0283	0.0196	0.2302	6.7000e-004	0.0822	4.1000e-004	0.0826	0.0218	3.8000e-004	0.0222		67.4059	67.4059	2.1500e-003	2.0300e-003	68.0639
Total	**0.1218**	**6.2957**	**1.6455**	**0.0286**	**0.9044**	**0.0527**	**0.9570**	**0.2474**	**0.0504**	**0.2978**		**3,077.3186**	**3,077.3186**	**0.0654**	**0.4772**	**3,221.1678**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.2060	0.0000	3.2060	1.5440	0.0000	1.5440			0.0000			0.0000
Off-Road	0.2522	1.0927	10.9071	0.0206		0.0336	0.0336		0.0336	0.0336	0.0000	1,995.6147	1,995.6147	0.6454		2,011.7503
Total	**0.2522**	**1.0927**	**10.9071**	**0.0206**	**3.2060**	**0.0336**	**3.2396**	**1.5440**	**0.0336**	**1.5776**	**0.0000**	**1,995.6147**	**1,995.6147**	**0.6454**		**2,011.7503**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0915	6.1867	1.3884	0.0275	0.8087	0.0518	0.8604	0.2218	0.0495	0.2713		2,967.2242	2,967.2242	0.0627	0.4688	3,108.4955
Vendor	1.9700e-003	0.0894	0.0269	4.0000e-004	0.0136	5.3000e-004	0.0141	3.9000e-003	5.1000e-004	4.4100e-003		42.6884	42.6884	5.8000e-004	6.3900e-003	44.6084
Worker	0.0283	0.0196	0.2302	6.7000e-004	0.0822	4.1000e-004	0.0826	0.0218	3.8000e-004	0.0222		67.4059	67.4059	2.1500e-003	2.0300e-003	68.0639
Total	**0.1218**	**6.2957**	**1.6455**	**0.0286**	**0.9044**	**0.0527**	**0.9570**	**0.2474**	**0.0504**	**0.2978**		**3,077.3186**	**3,077.3186**	**0.0654**	**0.4772**	**3,221.1678**

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7136	13.6239	14.2145	0.0250		0.6136	0.6136		0.5880	0.5880		2,289.5233	2,289.5233	0.4330		2,300.3479
Total	**1.7136**	**13.6239**	**14.2145**	**0.0250**		**0.6136**	**0.6136**		**0.5880**	**0.5880**		**2,289.5233**	**2,289.5233**	**0.4330**		**2,300.3479**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0178	0.8042	0.2422	3.6000e-003	0.1220	4.7600e-003	0.1268	0.0351	4.5500e-003	0.0397		384.1959	384.1959	5.2000e-003	0.0576	401.4755
Worker	0.1300	0.0903	1.0589	3.0700e-003	0.3779	1.8900e-003	0.3798	0.1002	1.7400e-003	0.1020		310.0671	310.0671	9.9000e-003	9.3300e-003	313.0939
Total	**0.1477**	**0.8946**	**1.3011**	**6.6700e-003**	**0.4999**	**6.6500e-003**	**0.5065**	**0.1354**	**6.2900e-003**	**0.1417**		**694.2631**	**694.2631**	**0.0151**	**0.0669**	**714.5694**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9615	5.1202	15.4788	0.0250		0.1918	0.1918		0.1918	0.1918	0.0000	2,289.5233	2,289.5233	0.4330		2,300.3479
Total	**0.9615**	**5.1202**	**15.4788**	**0.0250**		**0.1918**	**0.1918**		**0.1918**	**0.1918**	**0.0000**	**2,289.5233**	**2,289.5233**	**0.4330**		**2,300.3479**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0178	0.8042	0.2422	3.6000e-003	0.1220	4.7600e-003	0.1268	0.0351	4.5500e-003	0.0397		384.1959	384.1959	5.2000e-003	0.0576	401.4755
Worker	0.1300	0.0903	1.0589	3.0700e-003	0.3779	1.8900e-003	0.3798	0.1002	1.7400e-003	0.1020		310.0671	310.0671	9.9000e-003	9.3300e-003	313.0939
Total	**0.1477**	**0.8946**	**1.3011**	**6.6700e-003**	**0.4999**	**6.6500e-003**	**0.5065**	**0.1354**	**6.2900e-003**	**0.1417**		**694.2631**	**694.2631**	**0.0151**	**0.0669**	**714.5694**

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5971	12.8235	14.1002	0.0250		0.5381	0.5381		0.5153	0.5153		2,289.6541	2,289.6541	0.4265		2,300.3154
Total	**1.5971**	**12.8235**	**14.1002**	**0.0250**		**0.5381**	**0.5381**		**0.5153**	**0.5153**		**2,289.6541**	**2,289.6541**	**0.4265**		**2,300.3154**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0173	0.8073	0.2377	3.5400e-003	0.1220	4.8000e-003	0.1268	0.0351	4.5900e-003	0.0397		378.2728	378.2728	5.1900e-003	0.0567	395.2976
Worker	0.1216	0.0806	0.9885	2.9700e-003	0.3779	1.8000e-003	0.3797	0.1002	1.6500e-003	0.1019		300.0397	300.0397	8.9900e-003	8.6900e-003	302.8555
Total	**0.1389**	**0.8879**	**1.2262**	**6.5100e-003**	**0.4999**	**6.6000e-003**	**0.5065**	**0.1354**	**6.2400e-003**	**0.1416**		**678.3125**	**678.3125**	**0.0142**	**0.0654**	**698.1531**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9057	5.0008	15.4361	0.0250		0.1688	0.1688		0.1688	0.1688	0.0000	2,289.6541	2,289.6541	0.4265		2,300.3154
Total	**0.9057**	**5.0008**	**15.4361**	**0.0250**		**0.1688**	**0.1688**		**0.1688**	**0.1688**	**0.0000**	**2,289.6541**	**2,289.6541**	**0.4265**		**2,300.3154**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0173	0.8073	0.2377	3.5400e-003	0.1220	4.8000e-003	0.1268	0.0351	4.5900e-003	0.0397		378.2728	378.2728	5.1900e-003	0.0567	395.2976
Worker	0.1216	0.0806	0.9885	2.9700e-003	0.3779	1.8000e-003	0.3797	0.1002	1.6500e-003	0.1019		300.0397	300.0397	8.9900e-003	8.6900e-003	302.8555
Total	**0.1389**	**0.8879**	**1.2262**	**6.5100e-003**	**0.4999**	**6.6000e-003**	**0.5065**	**0.1354**	**6.2400e-003**	**0.1416**		**678.3125**	**678.3125**	**0.0142**	**0.0654**	**698.1531**

3.6 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8425	8.1030	11.7069	0.0179		0.3957	0.3957		0.3652	0.3652		1,710.2024	1,710.2024	0.5420		1,723.7529
Paving	0.0524					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.8949**	**8.1030**	**11.7069**	**0.0179**		**0.3957**	**0.3957**		**0.3652**	**0.3652**		**1,710.2024**	**1,710.2024**	**0.5420**		**1,723.7529**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Paving - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0396	0.0263	0.3223	9.7000e-004	0.1232	5.9000e-004	0.1238	0.0327	5.4000e-004	0.0332		97.8390	97.8390	2.9300e-003	2.8400e-003	98.7572
Total	**0.0396**	**0.0263**	**0.3223**	**9.7000e-004**	**0.1232**	**5.9000e-004**	**0.1238**	**0.0327**	**5.4000e-004**	**0.0332**		**97.8390**	**97.8390**	**2.9300e-003**	**2.8400e-003**	**98.7572**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2691	1.2799	13.2821	0.0179		0.0424	0.0424		0.0424	0.0424	0.0000	1,710.2024	1,710.2024	0.5420		1,723.7529
Paving	0.0524					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3215**	**1.2799**	**13.2821**	**0.0179**		**0.0424**	**0.0424**		**0.0424**	**0.0424**	**0.0000**	**1,710.2024**	**1,710.2024**	**0.5420**		**1,723.7529**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Paving - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0396	0.0263	0.3223	9.7000e-004	0.1232	5.9000e-004	0.1238	0.0327	5.4000e-004	0.0332		97.8390	97.8390	2.9300e-003	2.8400e-003	98.7572
Total	**0.0396**	**0.0263**	**0.3223**	**9.7000e-004**	**0.1232**	**5.9000e-004**	**0.1238**	**0.0327**	**5.4000e-004**	**0.0332**		**97.8390**	**97.8390**	**2.9300e-003**	**2.8400e-003**	**98.7572**

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	63.3841					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
Total	**63.5649**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**		**281.4481**	**281.4481**	**0.0159**		**281.8443**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0238	0.0158	0.1934	5.8000e-004	0.0739	3.5000e-004	0.0743	0.0196	3.2000e-004	0.0199		58.7034	58.7034	1.7600e-003	1.7000e-003	59.2543
Total	**0.0238**	**0.0158**	**0.1934**	**5.8000e-004**	**0.0739**	**3.5000e-004**	**0.0743**	**0.0196**	**3.2000e-004**	**0.0199**		**58.7034**	**58.7034**	**1.7600e-003**	**1.7000e-003**	**59.2543**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	63.3841					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0159		281.8443
Total	**63.4138**	**0.1288**	**1.8324**	**2.9700e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**	**0.0000**	**281.4481**	**281.4481**	**0.0159**		**281.8443**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0238	0.0158	0.1934	5.8000e-004	0.0739	3.5000e-004	0.0743	0.0196	3.2000e-004	0.0199		58.7034	58.7034	1.7600e-003	1.7000e-003	59.2543
Total	**0.0238**	**0.0158**	**0.1934**	**5.8000e-004**	**0.0739**	**3.5000e-004**	**0.0743**	**0.0196**	**3.2000e-004**	**0.0199**		**58.7034**	**58.7034**	**1.7600e-003**	**1.7000e-003**	**59.2543**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.6834	0.8797	6.6231	0.0130	1.4216	9.8700e-003	1.4315	0.3786	9.2000e-003	0.3878		1,323.2568	1,323.2568	0.0939	0.0736	1,347.5447
Unmitigated	0.6834	0.8797	6.6231	0.0130	1.4216	9.8700e-003	1.4315	0.3786	9.2000e-003	0.3878		1,323.2568	1,323.2568	0.0939	0.0736	1,347.5447

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	316.26	316.26	316.26	675,169	675,169
Health Club	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	316.26	316.26	316.26	675,169	675,169

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Health Club	9.50	7.30	7.30	16.90	64.10	19.00	52	39	9
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.569946	0.056495	0.180011	0.112201	0.020944	0.005169	0.013608	0.012941	0.000792	0.000570	0.024535	0.000337	0.002451
Health Club	0.569946	0.056495	0.180011	0.112201	0.020944	0.005169	0.013608	0.012941	0.000792	0.000570	0.024535	0.000337	0.002451

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Other Asphalt Surfaces	0.569946	0.056495	0.180011	0.112201	0.020944	0.005169	0.013608	0.012941	0.000792	0.000570	0.024535	0.000337	0.002451

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

Cal Softball Field Renovation Project - Max Day - Alameda County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Health Club	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Health Club	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

Cal Softball Field Renovation Project - Max Day - Alameda County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.4725	6.0000e-005	6.2700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0135	0.0135	4.0000e-005		0.0143
Unmitigated	1.4725	6.0000e-005	6.2700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0135	0.0135	4.0000e-005		0.0143

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1737					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.2983					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.8000e-004	6.0000e-005	6.2700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0135	0.0135	4.0000e-005		0.0143
Total	**1.4725**	**6.0000e-005**	**6.2700e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**		**0.0135**	**0.0135**	**4.0000e-005**		**0.0143**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1737					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.2983					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.8000e-004	6.0000e-005	6.2700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0135	0.0135	4.0000e-005		0.0143
Total	**1.4725**	**6.0000e-005**	**6.2700e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**		**0.0135**	**0.0135**	**4.0000e-005**		**0.0143**

7.0 Water Detail

7.1 Mitigation Measures Water

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Cal Softball Field Renovation Project - Annual

Alameda County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	0.20	Acre	0.20	8,712.00	0
City Park	0.90	Acre	0.90	39,204.00	0
Health Club	60.43	1000sqft	1.01	60,429.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	63
Climate Zone	4			**Operational Year**	2024
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Cal Softball Field Renovation Project

Land Use - Proposed uses: 0.9 acre field (modeled as City Park), 60,429 sq ft of supportive buildings/structures (modeled as Health Club), and about 0.2 acres to be paved. ~2.11 acres to be graded

Construction Phase - Phase durations based on applicant input

Off-road Equipment - Default

Off-road Equipment - Default

Off-road Equipment - Default

Off-road Equipment - Default

Off-road Equipment - Default

Off-road Equipment - Default

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Trips and VMT - Default assumptions except for vendor truck trips added to Site Preparation and Grading phases to account for water trucks

On-road Fugitive Dust - Default

Demolition - 2,410 sf of buildings/structures and 66,030 sf of impermeable surface to be demolished

Grading - Total soil import of 2,219 CY

Architectural Coating - Default

Vehicle Trips - Worst-case annual net increase of 26 average new daily trips based on 325x"Typical Days" plus 30x"Average Event Days" (which have max new trips) minus 10 days of federal holidays

Consumer Products - Default

Area Coating - Default

Landscape Equipment - Default. Conservative since landscaping likely minimal based on synthetic turf field.

Energy Use - No natural gas demand for the project as indicated by the applicant

Water And Wastewater - Zeroed out outdoor water for the proposed buildings/structures. Retained outdoor water for the "City Park" as a conservative estimate for the project since the field will be synthetic turf

Solid Waste - Default

Construction Off-road Equipment Mitigation - BAAQMD BMPs: Watering 2x/day and limiting vehicle speeds on unpaved areas to 15 mph. UCB will also require Tier 4 Final for all equipment >= 50 hp

Waste Mitigation - 54% waste diversion based on current campus average

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	220.00	168.00
tblEnergyUse	NT24NG	6.67	0.00
tblEnergyUse	T24NG	19.51	0.00
tblGrading	MaterialImported	0.00	2,219.00
tblLandUse	LandUseSquareFeet	60,430.00	60,429.00
tblLandUse	LotAcreage	1.39	1.01
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblVehicleTrips	ST_TR	1.96	30.86
tblVehicleTrips	ST_TR	20.87	0.00
tblVehicleTrips	SU_TR	2.19	30.86
tblVehicleTrips	SU_TR	26.73	0.00
tblVehicleTrips	WD_TR	0.78	30.86
tblVehicleTrips	WD_TR	32.93	0.00
tblWater	OutdoorWaterUseRate	2,190,528.51	0.00

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	0.1354	1.1216	1.1359	2.4000e-003	0.0631	0.0477	0.1109	0.0206	0.0455	0.0661	0.0000	207.1061	207.1061	0.0334	5.2600e-003	209.5079
2024	0.3615	0.3548	0.4140	8.2000e-004	0.0118	0.0145	0.0263	3.2000e-003	0.0139	0.0171	0.0000	70.3639	70.3639	0.0115	1.3400e-003	71.0521
Maximum	**0.3615**	**1.1216**	**1.1359**	**2.4000e-003**	**0.0631**	**0.0477**	**0.1109**	**0.0206**	**0.0455**	**0.0661**	**0.0000**	**207.1061**	**207.1061**	**0.0334**	**5.2600e-003**	**209.5079**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	0.0725	0.4080	1.2360	2.4000e-003	0.0470	0.0129	0.0600	0.0143	0.0129	0.0272	0.0000	207.1060	207.1060	0.0334	5.2600e-003	209.5077
2024	0.3423	0.1392	0.4521	8.2000e-004	0.0118	4.1800e-003	0.0160	3.2000e-003	4.1700e-003	7.3700e-003	0.0000	70.3638	70.3638	0.0115	1.3400e-003	71.0521
Maximum	**0.3423**	**0.4080**	**1.2360**	**2.4000e-003**	**0.0470**	**0.0129**	**0.0600**	**0.0143**	**0.0129**	**0.0272**	**0.0000**	**207.1060**	**207.1060**	**0.0334**	**5.2600e-003**	**209.5077**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**16.52**	**62.93**	**-8.91**	**0.00**	**21.50**	**72.52**	**44.66**	**26.36**	**71.24**	**58.39**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**6-1-2023**	**8-31-2023**	0.5495	0.1717
2	**9-1-2023**	**11-30-2023**	0.5317	0.2308
3	**12-1-2023**	**2-29-2024**	0.5124	0.2274
4	**3-1-2024**	**5-31-2024**	0.3750	0.3287
		Highest	0.5495	0.3287

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.2687	1.0000e-005	5.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-003	1.1000e-003	0.0000	0.0000	1.1700e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	45.2881	45.2881	7.3300e-003	8.9000e-004	45.7359
Mobile	0.0109	0.0133	0.0989	2.1000e-004	0.0219	1.6000e-004	0.0220	5.8400e-003	1.5000e-004	5.9900e-003	0.0000	19.2528	19.2528	1.2800e-003	1.0300e-003	19.5914
Waste						0.0000	0.0000		0.0000	0.0000	69.9365	0.0000	69.9365	4.1331	0.0000	173.2647
Water						0.0000	0.0000		0.0000	0.0000	1.1339	2.1366	3.2705	0.1168	2.7900e-003	7.0225
Total	**0.2796**	**0.0133**	**0.0994**	**2.1000e-004**	**0.0219**	**1.6000e-004**	**0.0220**	**5.8400e-003**	**1.5000e-004**	**5.9900e-003**	**71.0704**	**66.6786**	**137.7489**	**4.2586**	**4.7100e-003**	**245.6156**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.2687	1.0000e-005	5.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-003	1.1000e-003	0.0000	0.0000	1.1700e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	45.2881	45.2881	7.3300e-003	8.9000e-004	45.7359
Mobile	0.0109	0.0133	0.0989	2.1000e-004	0.0219	1.6000e-004	0.0220	5.8400e-003	1.5000e-004	5.9900e-003	0.0000	19.2528	19.2528	1.2800e-003	1.0300e-003	19.5914
Waste						0.0000	0.0000		0.0000	0.0000	32.1708	0.0000	32.1708	1.9012	0.0000	79.7017
Water						0.0000	0.0000		0.0000	0.0000	1.1339	2.1366	3.2705	0.1168	2.7900e-003	7.0225
Total	**0.2796**	**0.0133**	**0.0994**	**2.1000e-004**	**0.0219**	**1.6000e-004**	**0.0220**	**5.8400e-003**	**1.5000e-004**	**5.9900e-003**	**33.3047**	**66.6786**	**99.9832**	**2.0267**	**4.7100e-003**	**152.0527**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**53.14**	**0.00**	**27.42**	**52.41**	**0.00**	**38.09**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	6/1/2023	6/28/2023	5	20	
2	Site Preparation	Site Preparation	6/29/2023	7/3/2023	5	3	
3	Grading	Grading	7/4/2023	7/11/2023	5	6	

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4	Building Construction	Building Construction	7/12/2023	3/1/2024	5	168	
5	Paving	Paving	3/2/2024	3/15/2024	5	10	
6	Architectural Coating	Architectural Coating	3/16/2024	3/29/2024	5	10	

Acres of Grading (Site Preparation Phase): 4.5

Acres of Grading (Grading Phase): 6

Acres of Paving: 0.2

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 90,644; Non-Residential Outdoor: 30,215; Striped Parking Area: 523 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Scrapers	1	8.00	367	0.48
Site Preparation	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	7.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Paving	Rollers	2	8.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	13.00	0.00	51.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	2.00	277.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	8	46.00	18.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	9.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.5400e-003	0.0000	5.5400e-003	8.4000e-004	0.0000	8.4000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0147	0.1432	0.1346	2.4000e-004		6.7700e-003	6.7700e-003		6.3300e-003	6.3300e-003	0.0000	21.0866	21.0866	5.3500e-003	0.0000	21.2202
Total	**0.0147**	**0.1432**	**0.1346**	**2.4000e-004**	**5.5400e-003**	**6.7700e-003**	**0.0123**	**8.4000e-004**	**6.3300e-003**	**7.1700e-003**	**0.0000**	**21.0866**	**21.0866**	**5.3500e-003**	**0.0000**	**21.2202**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.0000e-005	3.3500e-003	7.6000e-004	2.0000e-005	4.3000e-004	3.0000e-005	4.6000e-004	1.2000e-004	3.0000e-005	1.5000e-004	0.0000	1.4859	1.4859	3.0000e-005	2.3000e-004	1.5566
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.4000e-004	2.3000e-004	2.8900e-003	1.0000e-005	1.0300e-003	1.0000e-005	1.0300e-003	2.7000e-004	0.0000	2.8000e-004	0.0000	0.8003	0.8003	2.0000e-005	2.0000e-005	0.8076
Total	**3.9000e-004**	**3.5800e-003**	**3.6500e-003**	**3.0000e-005**	**1.4600e-003**	**4.0000e-005**	**1.4900e-003**	**3.9000e-004**	**3.0000e-005**	**4.3000e-004**	**0.0000**	**2.2862**	**2.2862**	**5.0000e-005**	**2.5000e-004**	**2.3643**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.4900e-003	0.0000	2.4900e-003	3.8000e-004	0.0000	3.8000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.8100e-003	0.0122	0.1472	2.4000e-004		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004	0.0000	21.0865	21.0865	5.3500e-003	0.0000	21.2202
Total	**2.8100e-003**	**0.0122**	**0.1472**	**2.4000e-004**	**2.4900e-003**	**3.7000e-004**	**2.8600e-003**	**3.8000e-004**	**3.7000e-004**	**7.5000e-004**	**0.0000**	**21.0865**	**21.0865**	**5.3500e-003**	**0.0000**	**21.2202**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.0000e-005	3.3500e-003	7.6000e-004	2.0000e-005	4.3000e-004	3.0000e-005	4.6000e-004	1.2000e-004	3.0000e-005	1.5000e-004	0.0000	1.4859	1.4859	3.0000e-005	2.3000e-004	1.5566
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.4000e-004	2.3000e-004	2.8900e-003	1.0000e-005	1.0300e-003	1.0000e-005	1.0300e-003	2.7000e-004	0.0000	2.8000e-004	0.0000	0.8003	0.8003	2.0000e-005	2.0000e-005	0.8076
Total	**3.9000e-004**	**3.5800e-003**	**3.6500e-003**	**3.0000e-005**	**1.4600e-003**	**4.0000e-005**	**1.4900e-003**	**3.9000e-004**	**3.0000e-005**	**4.3000e-004**	**0.0000**	**2.2862**	**2.2862**	**5.0000e-005**	**2.5000e-004**	**2.3643**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.3900e-003	0.0000	2.3900e-003	2.6000e-004	0.0000	2.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9500e-003	0.0214	0.0147	4.0000e-005		8.1000e-004	8.1000e-004		7.5000e-004	7.5000e-004	0.0000	3.2317	3.2317	1.0500e-003	0.0000	3.2578
Total	**1.9500e-003**	**0.0214**	**0.0147**	**4.0000e-005**	**2.3900e-003**	**8.1000e-004**	**3.2000e-003**	**2.6000e-004**	**7.5000e-004**	**1.0100e-003**	**0.0000**	**3.2317**	**3.2317**	**1.0500e-003**	**0.0000**	**3.2578**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	1.3000e-004	4.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0580	0.0580	0.0000	1.0000e-005	0.0606
Worker	3.0000e-005	2.0000e-005	2.7000e-004	0.0000	9.0000e-005	0.0000	1.0000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0739	0.0739	0.0000	0.0000	0.0746
Total	**3.0000e-005**	**1.5000e-004**	**3.1000e-004**	**0.0000**	**1.1000e-004**	**0.0000**	**1.2000e-004**	**4.0000e-005**	**0.0000**	**4.0000e-005**	**0.0000**	**0.1319**	**0.1319**	**0.0000**	**1.0000e-005**	**0.1352**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.0700e-003	0.0000	1.0700e-003	1.2000e-004	0.0000	1.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.5000e-004	1.9600e-003	0.0178	4.0000e-005		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	3.2317	3.2317	1.0500e-003	0.0000	3.2578
Total	**4.5000e-004**	**1.9600e-003**	**0.0178**	**4.0000e-005**	**1.0700e-003**	**6.0000e-005**	**1.1300e-003**	**1.2000e-004**	**6.0000e-005**	**1.8000e-004**	**0.0000**	**3.2317**	**3.2317**	**1.0500e-003**	**0.0000**	**3.2578**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	1.3000e-004	4.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0580	0.0580	0.0000	1.0000e-005	0.0606
Worker	3.0000e-005	2.0000e-005	2.7000e-004	0.0000	9.0000e-005	0.0000	1.0000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0739	0.0739	0.0000	0.0000	0.0746
Total	**3.0000e-005**	**1.5000e-004**	**3.1000e-004**	**0.0000**	**1.1000e-004**	**0.0000**	**1.2000e-004**	**4.0000e-005**	**0.0000**	**4.0000e-005**	**0.0000**	**0.1319**	**0.1319**	**0.0000**	**1.0000e-005**	**0.1352**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0214	0.0000	0.0214	0.0103	0.0000	0.0103	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.0000e-003	0.0434	0.0261	6.0000e-005		1.8100e-003	1.8100e-003		1.6700e-003	1.6700e-003	0.0000	5.4312	5.4312	1.7600e-003	0.0000	5.4751
Total	**4.0000e-003**	**0.0434**	**0.0261**	**6.0000e-005**	**0.0214**	**1.8100e-003**	**0.0232**	**0.0103**	**1.6700e-003**	**0.0120**	**0.0000**	**5.4312**	**5.4312**	**1.7600e-003**	**0.0000**	**5.4751**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.9000e-004	0.0182	4.1300e-003	8.0000e-005	2.3500e-003	1.6000e-004	2.5000e-003	6.5000e-004	1.5000e-004	7.9000e-004	0.0000	8.0703	8.0703	1.7000e-004	1.2800e-003	8.4546
Vendor	1.0000e-005	2.6000e-004	8.0000e-005	0.0000	4.0000e-005	0.0000	4.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.1161	0.1161	0.0000	2.0000e-005	0.1213
Worker	8.0000e-005	5.0000e-005	6.7000e-004	0.0000	2.4000e-004	0.0000	2.4000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1847	0.1847	1.0000e-005	1.0000e-005	0.1864
Total	**3.8000e-004**	**0.0185**	**4.8800e-003**	**8.0000e-005**	**2.6300e-003**	**1.6000e-004**	**2.7800e-003**	**7.2000e-004**	**1.5000e-004**	**8.6000e-004**	**0.0000**	**8.3711**	**8.3711**	**1.8000e-004**	**1.3100e-003**	**8.7622**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					9.6200e-003	0.0000	9.6200e-003	4.6300e-003	0.0000	4.6300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.6000e-004	3.2800e-003	0.0327	6.0000e-005		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	5.4312	5.4312	1.7600e-003	0.0000	5.4751
Total	**7.6000e-004**	**3.2800e-003**	**0.0327**	**6.0000e-005**	**9.6200e-003**	**1.0000e-004**	**9.7200e-003**	**4.6300e-003**	**1.0000e-004**	**4.7300e-003**	**0.0000**	**5.4312**	**5.4312**	**1.7600e-003**	**0.0000**	**5.4751**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.9000e-004	0.0182	4.1300e-003	8.0000e-005	2.3500e-003	1.6000e-004	2.5000e-003	6.5000e-004	1.5000e-004	7.9000e-004	0.0000	8.0703	8.0703	1.7000e-004	1.2800e-003	8.4546
Vendor	1.0000e-005	2.6000e-004	8.0000e-005	0.0000	4.0000e-005	0.0000	4.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.1161	0.1161	0.0000	2.0000e-005	0.1213
Worker	8.0000e-005	5.0000e-005	6.7000e-004	0.0000	2.4000e-004	0.0000	2.4000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1847	0.1847	1.0000e-005	1.0000e-005	0.1864
Total	**3.8000e-004**	**0.0185**	**4.8800e-003**	**8.0000e-005**	**2.6300e-003**	**1.6000e-004**	**2.7800e-003**	**7.2000e-004**	**1.5000e-004**	**8.6000e-004**	**0.0000**	**8.3711**	**8.3711**	**1.8000e-004**	**1.3100e-003**	**8.7622**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1054	0.8379	0.8742	1.5400e-003		0.0377	0.0377		0.0362	0.0362	0.0000	127.7368	127.7368	0.0242	0.0000	128.3407
Total	**0.1054**	**0.8379**	**0.8742**	**1.5400e-003**		**0.0377**	**0.0377**		**0.0362**	**0.0362**	**0.0000**	**127.7368**	**127.7368**	**0.0242**	**0.0000**	**128.3407**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1200e-003	0.0484	0.0146	2.2000e-004	7.2700e-003	2.9000e-004	7.5600e-003	2.1000e-003	2.8000e-004	2.3800e-003	0.0000	21.4141	21.4141	2.9000e-004	3.2100e-003	22.3769
Worker	7.4000e-003	5.0700e-003	0.0629	1.9000e-004	0.0224	1.2000e-004	0.0225	5.9500e-003	1.1000e-004	6.0600e-003	0.0000	17.4167	17.4167	5.2000e-004	4.9000e-004	17.5755
Total	**8.5200e-003**	**0.0535**	**0.0775**	**4.1000e-004**	**0.0296**	**4.1000e-004**	**0.0300**	**8.0500e-003**	**3.9000e-004**	**8.4400e-003**	**0.0000**	**38.8308**	**38.8308**	**8.1000e-004**	**3.7000e-003**	**39.9524**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0591	0.3149	0.9519	1.5400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	127.7366	127.7366	0.0242	0.0000	128.3405
Total	**0.0591**	**0.3149**	**0.9519**	**1.5400e-003**		**0.0118**	**0.0118**		**0.0118**	**0.0118**	**0.0000**	**127.7366**	**127.7366**	**0.0242**	**0.0000**	**128.3405**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1200e-003	0.0484	0.0146	2.2000e-004	7.2700e-003	2.9000e-004	7.5600e-003	2.1000e-003	2.8000e-004	2.3800e-003	0.0000	21.4141	21.4141	2.9000e-004	3.2100e-003	22.3769
Worker	7.4000e-003	5.0700e-003	0.0629	1.9000e-004	0.0224	1.2000e-004	0.0225	5.9500e-003	1.1000e-004	6.0600e-003	0.0000	17.4167	17.4167	5.2000e-004	4.9000e-004	17.5755
Total	**8.5200e-003**	**0.0535**	**0.0775**	**4.1000e-004**	**0.0296**	**4.1000e-004**	**0.0300**	**8.0500e-003**	**3.9000e-004**	**8.4400e-003**	**0.0000**	**38.8308**	**38.8308**	**8.1000e-004**	**3.7000e-003**	**39.9524**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0359	0.2885	0.3173	5.6000e-004		0.0121	0.0121		0.0116	0.0116	0.0000	46.7356	46.7356	8.7000e-003	0.0000	46.9533
Total	**0.0359**	**0.2885**	**0.3173**	**5.6000e-004**		**0.0121**	**0.0121**		**0.0116**	**0.0116**	**0.0000**	**46.7356**	**46.7356**	**8.7000e-003**	**0.0000**	**46.9533**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-004	0.0178	5.2500e-003	8.0000e-005	2.6600e-003	1.1000e-004	2.7700e-003	7.7000e-004	1.0000e-004	8.7000e-004	0.0000	7.7136	7.7136	1.1000e-004	1.1600e-003	8.0606
Worker	2.5300e-003	1.6600e-003	0.0215	7.0000e-005	8.1800e-003	4.0000e-005	8.2200e-003	2.1800e-003	4.0000e-005	2.2100e-003	0.0000	6.1658	6.1658	1.7000e-004	1.7000e-004	6.2199
Total	**2.9300e-003**	**0.0194**	**0.0267**	**1.5000e-004**	**0.0108**	**1.5000e-004**	**0.0110**	**2.9500e-003**	**1.4000e-004**	**3.0800e-003**	**0.0000**	**13.8794**	**13.8794**	**2.8000e-004**	**1.3300e-003**	**14.2805**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0204	0.1125	0.3473	5.6000e-004		3.8000e-003	3.8000e-003		3.8000e-003	3.8000e-003	0.0000	46.7356	46.7356	8.7000e-003	0.0000	46.9532
Total	**0.0204**	**0.1125**	**0.3473**	**5.6000e-004**		**3.8000e-003**	**3.8000e-003**		**3.8000e-003**	**3.8000e-003**	**0.0000**	**46.7356**	**46.7356**	**8.7000e-003**	**0.0000**	**46.9532**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-004	0.0178	5.2500e-003	8.0000e-005	2.6600e-003	1.1000e-004	2.7700e-003	7.7000e-004	1.0000e-004	8.7000e-004	0.0000	7.7136	7.7136	1.1000e-004	1.1600e-003	8.0606
Worker	2.5300e-003	1.6600e-003	0.0215	7.0000e-005	8.1800e-003	4.0000e-005	8.2200e-003	2.1800e-003	4.0000e-005	2.2100e-003	0.0000	6.1658	6.1658	1.7000e-004	1.7000e-004	6.2199
Total	**2.9300e-003**	**0.0194**	**0.0267**	**1.5000e-004**	**0.0108**	**1.5000e-004**	**0.0110**	**2.9500e-003**	**1.4000e-004**	**3.0800e-003**	**0.0000**	**13.8794**	**13.8794**	**2.8000e-004**	**1.3300e-003**	**14.2805**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.2100e-003	0.0405	0.0585	9.0000e-005		1.9800e-003	1.9800e-003		1.8300e-003	1.8300e-003	0.0000	7.7574	7.7574	2.4600e-003	0.0000	7.8188
Paving	2.6000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.4700e-003**	**0.0405**	**0.0585**	**9.0000e-005**		**1.9800e-003**	**1.9800e-003**		**1.8300e-003**	**1.8300e-003**	**0.0000**	**7.7574**	**7.7574**	**2.4600e-003**	**0.0000**	**7.8188**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-004	1.2000e-004	1.5600e-003	0.0000	5.9000e-004	0.0000	6.0000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.4468	0.4468	1.0000e-005	1.0000e-005	0.4507
Total	**1.8000e-004**	**1.2000e-004**	**1.5600e-003**	**0.0000**	**5.9000e-004**	**0.0000**	**6.0000e-004**	**1.6000e-004**	**0.0000**	**1.6000e-004**	**0.0000**	**0.4468**	**0.4468**	**1.0000e-005**	**1.0000e-005**	**0.4507**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Paving - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.3500e-003	6.4000e-003	0.0664	9.0000e-005		2.1000e-004	2.1000e-004		2.1000e-004	2.1000e-004	0.0000	7.7573	7.7573	2.4600e-003	0.0000	7.8188
Paving	2.6000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.6100e-003**	**6.4000e-003**	**0.0664**	**9.0000e-005**		**2.1000e-004**	**2.1000e-004**		**2.1000e-004**	**2.1000e-004**	**0.0000**	**7.7573**	**7.7573**	**2.4600e-003**	**0.0000**	**7.8188**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-004	1.2000e-004	1.5600e-003	0.0000	5.9000e-004	0.0000	6.0000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.4468	0.4468	1.0000e-005	1.0000e-005	0.4507
Total	**1.8000e-004**	**1.2000e-004**	**1.5600e-003**	**0.0000**	**5.9000e-004**	**0.0000**	**6.0000e-004**	**1.6000e-004**	**0.0000**	**1.6000e-004**	**0.0000**	**0.4468**	**0.4468**	**1.0000e-005**	**1.0000e-005**	**0.4507**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.3169					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.0000e-004	6.0900e-003	9.0500e-003	1.0000e-005		3.0000e-004	3.0000e-004		3.0000e-004	3.0000e-004	0.0000	1.2766	1.2766	7.0000e-005	0.0000	1.2784
Total	**0.3178**	**6.0900e-003**	**9.0500e-003**	**1.0000e-005**		**3.0000e-004**	**3.0000e-004**		**3.0000e-004**	**3.0000e-004**	**0.0000**	**1.2766**	**1.2766**	**7.0000e-005**	**0.0000**	**1.2784**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1000e-004	7.0000e-005	9.3000e-004	0.0000	3.6000e-004	0.0000	3.6000e-004	9.0000e-005	0.0000	1.0000e-004	0.0000	0.2681	0.2681	1.0000e-005	1.0000e-005	0.2704
Total	**1.1000e-004**	**7.0000e-005**	**9.3000e-004**	**0.0000**	**3.6000e-004**	**0.0000**	**3.6000e-004**	**9.0000e-005**	**0.0000**	**1.0000e-004**	**0.0000**	**0.2681**	**0.2681**	**1.0000e-005**	**1.0000e-005**	**0.2704**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.3169					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.5000e-004	6.4000e-004	9.1600e-003	1.0000e-005		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	1.2766	1.2766	7.0000e-005	0.0000	1.2784
Total	**0.3171**	**6.4000e-004**	**9.1600e-003**	**1.0000e-005**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**1.2766**	**1.2766**	**7.0000e-005**	**0.0000**	**1.2784**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1000e-004	7.0000e-005	9.3000e-004	0.0000	3.6000e-004	0.0000	3.6000e-004	9.0000e-005	0.0000	1.0000e-004	0.0000	0.2681	0.2681	1.0000e-005	1.0000e-005	0.2704
Total	**1.1000e-004**	**7.0000e-005**	**9.3000e-004**	**0.0000**	**3.6000e-004**	**0.0000**	**3.6000e-004**	**9.0000e-005**	**0.0000**	**1.0000e-004**	**0.0000**	**0.2681**	**0.2681**	**1.0000e-005**	**1.0000e-005**	**0.2704**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0109	0.0133	0.0989	2.1000e-004	0.0219	1.6000e-004	0.0220	5.8400e-003	1.5000e-004	5.9900e-003	0.0000	19.2528	19.2528	1.2800e-003	1.0300e-003	19.5914
Unmitigated	0.0109	0.0133	0.0989	2.1000e-004	0.0219	1.6000e-004	0.0220	5.8400e-003	1.5000e-004	5.9900e-003	0.0000	19.2528	19.2528	1.2800e-003	1.0300e-003	19.5914

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	27.77	27.77	27.77	59,293	59,293
Health Club	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	27.77	27.77	27.77	59,293	59,293

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Health Club	9.50	7.30	7.30	16.90	64.10	19.00	52	39	9
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.569946	0.056495	0.180011	0.112201	0.020944	0.005169	0.013608	0.012941	0.000792	0.000570	0.024535	0.000337	0.002451
Health Club	0.569946	0.056495	0.180011	0.112201	0.020944	0.005169	0.013608	0.012941	0.000792	0.000570	0.024535	0.000337	0.002451
Other Asphalt Surfaces	0.569946	0.056495	0.180011	0.112201	0.020944	0.005169	0.013608	0.012941	0.000792	0.000570	0.024535	0.000337	0.002451

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	45.2881	45.2881	7.3300e-003	8.9000e-004	45.7359
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	45.2881	45.2881	7.3300e-003	8.9000e-004	45.7359
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Health Club	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Health Club	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Health Club	489475	45.2881	7.3300e-003	8.9000e-004	45.7359
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**45.2881**	**7.3300e-003**	**8.9000e-004**	**45.7359**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Health Club	489475	45.2881	7.3300e-003	8.9000e-004	45.7359
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**45.2881**	**7.3300e-003**	**8.9000e-004**	**45.7359**

6.0 Area Detail

6.1 Mitigation Measures Area

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.2687	1.0000e-005	5.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-003	1.1000e-003	0.0000	0.0000	1.1700e-003
Unmitigated	0.2687	1.0000e-005	5.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-003	1.1000e-003	0.0000	0.0000	1.1700e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0317					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2369					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.0000e-005	1.0000e-005	5.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-003	1.1000e-003	0.0000	0.0000	1.1700e-003
Total	**0.2687**	**1.0000e-005**	**5.6000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**1.1000e-003**	**1.1000e-003**	**0.0000**	**0.0000**	**1.1700e-003**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0317					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2369					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.0000e-005	1.0000e-005	5.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-003	1.1000e-003	0.0000	0.0000	1.1700e-003
Total	**0.2687**	**1.0000e-005**	**5.6000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**1.1000e-003**	**1.1000e-003**	**0.0000**	**0.0000**	**1.1700e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	3.2705	0.1168	2.7900e-003	7.0225
Unmitigated	3.2705	0.1168	2.7900e-003	7.0225

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 1.07233	0.3473	6.0000e-005	1.0000e-005	0.3507
Health Club	3.57402 / 0	2.9232	0.1168	2.7800e-003	6.6718
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**3.2705**	**0.1168**	**2.7900e-003**	**7.0225**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 1.07233	0.3473	6.0000e-005	1.0000e-005	0.3507
Health Club	3.57402 / 0	2.9232	0.1168	2.7800e-003	6.6718
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**3.2705**	**0.1168**	**2.7900e-003**	**7.0225**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	32.1708	1.9012	0.0000	79.7017
Unmitigated	69.9365	4.1331	0.0000	173.2647

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.08	0.0162	9.6000e-004	0.0000	0.0402
Health Club	344.45	69.9202	4.1322	0.0000	173.2244
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**69.9365**	**4.1331**	**0.0000**	**173.2647**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.0368	7.4700e-003	4.4000e-004	0.0000	0.0185
Health Club	158.447	32.1633	1.9008	0.0000	79.6832
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**32.1708**	**1.9012**	**0.0000**	**79.7018**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

APPENDIX A-2

Construction Health Risk Assessment

Health Risk Assessment Report for the Cal Softball Field Renovation Project

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ACRONYMS AND ABBREVIATIONS

Acronym/Abbreviation	Definition
AERMOD	American Meteorological Society/Environmental Protection Agency Regulatory Model
ASF	age-sensitivity factor
BAAQMD	Bay Area Air Quality Management District
CalEEMod	California Emissions Estimator Model
CARB	California Air Resources Board
CEQA	California Environmental Quality Act
DBR	daily breathing rate
DPM	diesel particulate matter
EPA	U.S. Environmental Protection Agency
FAH	fraction of time at home
g/s	grams per second
HARP2	Hotspots Analysis and Reporting Program Version 2
HRA	health risk assessment
m E	meters easting
m N	meters northing
MEIR	maximally exposed individual resident
NED	National Elevation Dataset
OEHHA	Office of Environmental Health Hazard Assessment
PM_{10}	particulate matter with a diameter less the 10 microns
Project	Cal Softball Field Renovation Project
REL	reference exposure level
TAC	toxic air contaminant
$\mu g/m^3$	microgram per cubic meter
UTM	Universal Transverse Mercator

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Health Risk Assessment for the Cal Softball Field Renovation Project

SUMMARY

The purpose of this health risk assessment (HRA) is to determine the potential cancer risk and noncancer health impacts to existing sensitive residential receptors in proximity to the proposed Cal Softball Field Renovation Project (project or proposed project) due to toxic air contaminant (TAC) emissions resulting from construction of the project.

Air dispersion modeling was conducted using the American Meteorological Society/Environmental Protection Agency Regulatory Model (AERMOD) and the Hotspots Analysis and Reporting Program Version 2 (HARP2). The Bay Area Air Quality Management District's (BAAQMD's) *CEQA Air Quality Guidelines* (BAAQMD 2017) and the Office of Environmental Health Hazard Assessment's (OEHHA's) *Air Toxics Hot Spots Program Risk Assessment Guidelines Guidance Manual for Preparation of Health Risk Assessments 2015* (2015 Risk Assessment Guidelines Manual; OEHHA 2015) were used to prepare this HRA. For the residential health risk, the HRA was calculated assuming exposure from construction-generated TAC emissions would generally occur 8 hours per day, 5 days per week, for the duration of construction (i.e., June 2023 through March 2024).

This HRA finds that unmitigated project construction would result in potential cancer risk at the at the maximally exposed individual resident (MEIR) of 1.05 in 1 million, which would not exceed the BAAQMD threshold of 10 in 1 million. The chronic hazard index would be 0.0019 at the MEIR, which would be below the BAAQMD threshold of 1.0. The maximum annual particulate matter with an aerodynamic resistance diameter of 2.5 micrometers or less ($PM_{2.5}$) concentrations would be 0.012 micrograms per cubic meter ($\mu g/m^3$) at the MEIR, which would be below the BAAQMD threshold of 0.3 $\mu g/m^3$. Project health risk impacts associated with construction would thus be less than significant. No short-term, acute relative exposure values are established and regulated for diesel particulate matter (DPM) and are therefore not addressed in this assessment.

1 INTRODUCTION

1.1 Purpose

In support of the initial study preparation for the Cal Softball Field Renovation Project (project or proposed project), the health risk assessment (HRA) modeling analysis was prepared to estimate health risk impacts to proximate existing sensitive receptors from exposure to toxic air contaminant (TAC) emissions from construction activities at the project site. The analysis in this HRA uses air dispersion modeling and Hotspots Analysis and Reporting Program Version 2 (HARP2) to evaluate potential health risks associated with the project. Results of the modeling analysis are compared with the most recent California Environmental Quality Act (CEQA) significance thresholds established by the Bay Area Air Quality Management District (BAAQMD). Per CEQA Guidelines, Appendix G (14 CCR 15000 et seq.), the HRA directly addresses the criterion: Would the project expose sensitive receptors to substantial pollutant concentrations?

1.2 Project Description

The University of California, Berkeley (UC Berkeley or the university) proposes to improve the existing Cal Softball Field (Cal Softball Field or field), which is the home for the UC Berkeley Intercollegiate Athletic (IA) Women's Softball Program. The project would preserve and upgrade the existing softball facility to meet modern safety and competition standards for the IA Women's Softball Program and Recreational Sports (Rec Sports) Intramural softball players, as well as support campus compliance with Title IX of the Education Amendments of 1972 (20 USC 1681 et seq.) (Title IX) through the provision of equitable athletics facilities for male and female student athletes. The project would improve the training and competition facilities provided to female student athletes, support ongoing gender equity and comply with Title IX. The use of the softball facility would remain largely similar to its current uses, primarily providing additional spectator and player amenities and permanent seating for up to 1,511 spectators. The primary physical changes associated with the project would include providing additional permanent spectator seats in place of temporary bleachers, a press box, spectator concourse, competition-grade lights, restrooms, public address system, expanded playing field dimensions, team and locker rooms, a ticket booth, improved training facilities, such as batting cages, and utilities.

The use of the proposed project would be similar to the use of the existing softball field. During the fall, the facility would be primarily used for practices, intramural play, campus/clinics, and other occasional daytime competitions. During the spring semester, the facility use would be comparatively more active, with up to 21 regular season softball events, as well as practices and intramural sports and activities when not scheduled for IA use. During the summer, the facility

would not be used for competition, but would be used for intramural recreation, as well as Rec Sports summer camps (similar to existing uses).

1.3 Toxic Air Contaminants

A substance is considered toxic if it has the potential to cause adverse health effects in humans, including increasing the risk of cancer upon exposure or acute (short-term) and/or chronic (long-term) noncancer health effects. A toxic substance released into the air is considered a TAC. Examples include certain aromatic and chlorinated hydrocarbons, diesel particulate matter (DPM), certain metals, and asbestos. TACs are generated by a number of sources, including stationary sources such as dry cleaners, gas stations, combustion sources, and laboratories; mobile sources, such as automobiles; and area sources, such as landfills. Adverse health effects associated with exposure to TACs may include carcinogenic (i.e., cancer-causing) and noncarcinogenic effects. Noncarcinogenic effects typically affect one or more target organ systems and may be experienced through either acute or chronic exposure to a given TAC.

California's air toxics control program began in 1983 with the passage of Assembly Bill 1807, the Toxic Air Contaminant Identification and Control Act, better known as the Tanner Bill. The Tanner Bill established a regulatory process for the scientific and public review of individual toxic compounds. When a compound becomes listed as a TAC under the Tanner Bill, the California Air Resources Board (CARB) normally establishes minimum Statewide emission-control measures to be adopted by air quality management districts and air pollution control districts. By 1992, 18 of the 187 federal hazardous air pollutants had been listed by CARB as State TACs. In April 1993, CARB added 171 substances to the State program to make the State TAC list equal to the federal list of hazardous air pollutants. In 1998, CARB designated DPM as a TAC (CARB 1998). The exhaust from diesel engines is a complex mixture of gases, vapors, and particles, many of which are known human carcinogens.

The second major component of California's air toxics program, supplementing the Tanner process, was provided by the passage of Assembly Bill 2588, the Air Toxics "Hot Spots" Information and Assessment Act of 1987. Assembly Bill 2588 currently regulates over 600 compounds, including all of the Tanner Bill–designated TACs.

1.4 Cancer Risk

Cancer risk is defined as the increase in lifetime probability (chance) of an individual developing cancer due to exposure to a carcinogenic compound, typically expressed as the increased probability in 1 million. The cancer risk from inhalation of a TAC is estimated by calculating the inhalation (and if applicable, ingestion and dermal) dose in units of milligrams per kilogram body

weight per day based on an ambient concentration in units of micrograms per cubic meter ($\mu g/m^3$), breathing rate, and exposure period and multiplying the dose by the inhalation cancer potency factor, expressed as (milligrams/kilogram body weight per day)$^{-1}$. Cancer risks are typically calculated for all carcinogenic TACs and summed to calculate the overall increase in cancer risk to an individual. The calculation procedure assumes that cancer risk is proportional to concentrations at any level of exposure and that risks due to different carcinogens are additive. This approach is generally considered a conservative assumption at low doses and is consistent with the current Office of Environmental Health Hazard Assessment (OEHHA) regulatory approach. Exposure to carcinogenic TACs does not imply that the exposed individual would contract cancer; rather, the cancer risk is a probability of developing cancer if other factors (e.g., heredity, exposure to environmental or workplace risks that compromise the immune system, overall health) would result in an increased susceptibility to developing cancer.

The cancer risk calculations were performed by multiplying the predicted dispersion modeled output data by the TAC emissions and the appropriate risk values. The exposure and risk equations that were used to calculate the cancer risk at receptors from project construction and operation are integrated in HARP2, in accordance with the 2015 Risk Assessment Guidelines Manual (OEHHA 2015).

1.5 Acute and Chronic Noncancer Health Impacts

The noncancer health impact of an inhaled TAC is measured by the hazard quotient, which is the ratio of the ambient concentration of a TAC in units of $\mu g/m^3$ divided by the reference exposure level (REL), also in units of $\mu g/m^3$. The REL is the concentration at or below which no adverse health effects are anticipated. The REL is typically based on health effects on a particular target organ system, such as the respiratory system, liver, or central nervous system. Hazard quotients of individual TACs are then summed for each target organ system to obtain a hazard index.

2 GUIDANCE AND THRESHOLDS

2.1 Office of Environmental Health Hazard Assessment's Guidance

OEHHA's most recent guidance is the 2015 Risk Assessment Guidelines Manual (OEHHA 2015), which supersedes the 2003 OEHHA HRA guidance manual, was used to calculate the health risk impacts from project construction and operation. The Children's Environmental Health Protection Act of 1999 (Senate Bill 25), which requires explicit consideration of infants and children in assessing risks from air toxics, requires revisions of the methods for both noncancer and cancer risk assessment and of the exposure assumptions in the 2003 HRA guidance manual (OEHHA 2003). In response to Senate Bill 25, OEHHA released three technical support documents

addressing RELs (OEHHA 2008), cancer potency (OEHHA 2009), and exposure assessment and stochastic analysis (OEHHA 2012) and adopted the 2015 Risk Assessment Guidelines Manual (OEHHA 2015). The technical support document for RELs and continuing work to re-evaluate TACs to ensure adequate protection for infants and children has led to revisions of RELs for approximately 10 chemicals and chemical families. The basic methodology for evaluating acute and chronic health effects using the RELs otherwise remained the same as in the previous guidance manual. Moreover, RELs are designed to protect the most sensitive individuals in the population, including infants and children, by selecting appropriate toxicological data and including margins of safety. Accordingly, the evaluation methods are assumed to protect children and other sensitive subpopulations (groups of more highly susceptible individuals) from adverse health effects in the event of exposure (OEHHA 2008).

The cancer risk methodology described in the exposure assessment and stochastic analysis technical support document and the 2015 Risk Assessment Guidelines Manual accounts for the higher sensitivity of infants and children by applying age-specific daily breathing rates (DBRs) and age-sensitivity factors (ASFs). According to the technical support document, "accounting for effects of early-in life exposure requires accounting for both the increased potency of early in life exposure to carcinogens and the greater exposure on a per [kilogram] body weight that occurs early in life due to behavioral and physiological differences between infants and children, and adults" (OEHHA 2012). In the absence of chemical-specific data, OEHHA recommends a default ASF of 10 for the third trimester to age 2 years and an ASF of 3 for ages 2 through 15 years to account for potential increased sensitivity to carcinogens during childhood (OEHHA 2015). The ASF for adults is 1. In addition to the ASFs, children have higher DBRs per unit of body weight than adults. The OEHHA guidance manual considers the age-specific breathing rates in the cancer risk calculations.

In addition, OEHHA and CARB evaluated information from activity patterns databases to estimate the fraction of time at home (FAH) during the day. From the third trimester to age <2 years, 85% of time is spent at home. From age 2 through <16 years, 72% of time is spent at home. From age 16 years and greater, 73% of time is spent at home. However, for facilities with any school within the 1 in a million or greater isopleth, the OEHHA recommends using an FAH of 100% for children under 16 years old (OEHHA 2015). As a conservative assumption, the FAH for children under 16 years old was assumed to be 100% in this analysis. Cancer risk parameters, such as ASFs, DBRs, exposure period, FAH, and cancer potency factors were based on the values and data recommended by OEHHA as implemented in HARP2. Accordingly, this HRA evaluates and reflects conservative, health-protective methodologies to assess health impacts to adults, as well as infants, children, and other sensitive subpopulations.

2.2 Bay Area Air Quality Management District Guidance

The BAAMQD *CEQA Air Quality Guidelines* (BAAQMD 2017) provides cancer and noncancer thresholds to assess health risk significance. The BAAQMD's current health risk thresholds are presented in Table 1.

Table 1
BAAQMD Thresholds of Significance

Factor	Threshold
Risks and Hazards (Individual Project)	Compliance with Qualified Community Risk Reduction Plan or Increased cancer risk of >10.0 in a million Increased noncancer risk of >1.0 Hazard Index (Chronic or Acute) Ambient $PM_{2.5}$ increase >0.3 µg/m^3 annual average Zone of Influence: 1,000-foot radius from property line of source or receptor
Risks and Hazards (Cumulative)	Compliance with Qualified Community Risk Reduction Plan or Cancer risk of >100 in a million (from all local sources) Noncancer risk of >10.0 Hazard Index (chronic, from all local sources) Ambient $PM_{2.5}$ >0.8 µg/m^3 annual average (from all local sources) Zone of Influence: 1,000-foot radius from property line of source or receptor

Source: BAAQMD 2017
Notes: µg/m^3 = micrograms per cubic meter; $PM_{2.5}$ = fine particulate matter with an aerodynamic resistance diameter of 2.5 micrometers or less

3 RECEPTORS USED FOR EVALUATING MODELED IMPACTS

Some land uses are considered more sensitive to air pollution than others due to the types of population groups or activities involved. Children, pregnant women, older adults, and people with existing health problems are especially vulnerable to the effects of air pollution. Accordingly, land uses where sensitive-receptor population groups are likely to be located at hospitals, medical clinics, schools, playgrounds, childcare centers, residences, and retirement homes (BAAQMD 2017). There are existing off-campus residences proximate to the project site, with the nearest at directly south of the project.

4 MODELING METHODOLOGY

4.1 Dispersion Model

Air dispersion models calculate the atmospheric transport and fate of pollutants from the emission source. The models calculate the concentration of selected pollutants at specific downwind ground-level points, such as residential or school receptors. The transformation (fate) of an airborne

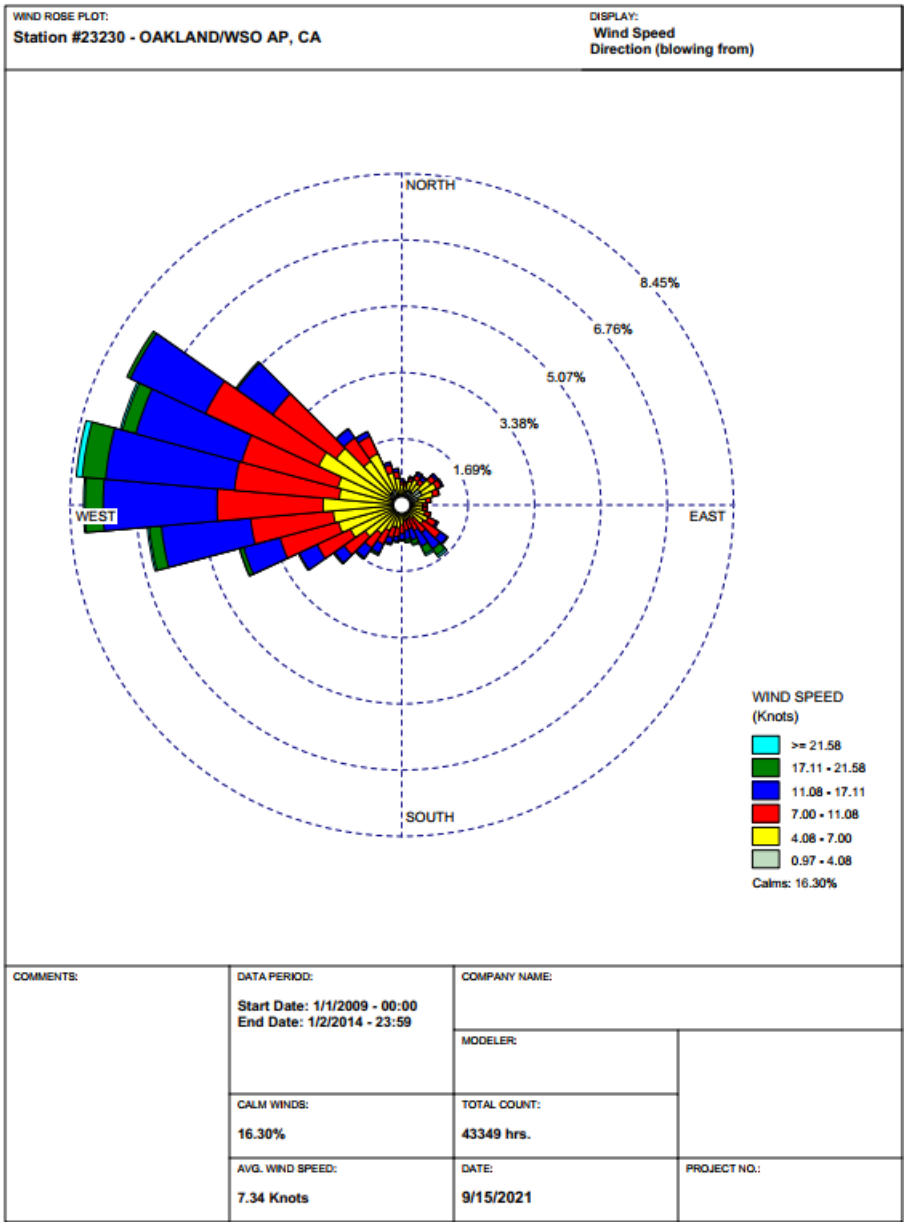
pollutant, its movement with the prevailing winds (transport), its crosswind and vertical movement due to atmospheric turbulence (dispersion), and its removal due to dry and wet deposition are influenced by the pollutant's physical and chemical properties and by meteorological and environmental conditions. Factors such as distance from the source to the receptor, meteorological conditions, intervening land use and terrain, pollutant release characteristics, and background pollutant concentrations affect the predicted air concentration of an air pollutant. Air dispersion models have the capability to take all of these factors into consideration when calculating downwind ground-level pollutant concentrations.

A dispersion modeling analysis was conducted of DPM emitted from diesel vehicles and construction equipment on the proposed project site for the HRA to assess the health risk impacts of the project's construction on proximate sensitive receptors. Additionally, dispersion modeling was conducted for fugitive dust particulate matter with an aerodynamic resistance diameter of 2.5 micrometers or less ($PM_{2.5}$). The dispersion modeling was performed using AERMOD, which is the model U.S. Environmental Protection Agency (EPA) approved and BAAQMD recommends for atmospheric dispersion of emissions. AERMOD is a steady-state Gaussian plume model that incorporates air dispersion based on planetary boundary layer turbulence structure and scaling concepts, including treatment of surface and elevated sources, building downwash, and simple and complex terrain. Principal parameters of AERMOD for the project included the following:

- **Dispersion Model:** The air dispersion model used was AERMOD, Version 21112, with the Lakes Environmental Software implementation/user interface, AERMOD View, Version 10.2.1. A unit emission rate (1 gram per second (g/s)) was normalized over the line of adjacent volume sources and area source for the AERMOD run to obtain the "X/Q" values. X/Q is a dispersion factor that is the average effluent concentration normalized by source strength, and is used as a way to simplify the representation of emissions from many sources. The maximum concentrations were determined for the 1-hour and Period averaging periods.
- **Meteorological Data:** The latest 5-year meteorological data (years 2009-2014) for the Oakland International Airport station were input to AERMOD. A wind rose is provided for this station on Figure 1.
- **Urban and Rural Options:** Typically, urban areas have more surface roughness and structures and low-albedo surfaces that absorb more sunlight, and thus, more heat, relative to rural areas. The urban dispersion option was selected and the Alameda County population for year 2019 (1,671,329 persons) input into AERMOD.
- **Terrain Characteristics:** Digital elevation model files were imported into AERMOD so that complex terrain features were evaluated as appropriate. The National Elevation Dataset (NED) dataset with resolution of 1 arc-second was used.

- **Sensitive Receptors:** This HRA evaluates the risk to existing off-campus residential receptors located in proximity to the project. A uniform fine 1-kilometer by 1-kilometer Cartesian grid with 20-meter spacing was centered over the project site and converted into discrete receptors to capture the maximum point of impact.
- **Source Release Construction Scenario:** Air dispersion modeling of DPM emissions was conducted assuming the equipment and trucks would operate in accordance with the modeling scenario estimated in the California Emissions Estimator Model (CalEEMod) (Appendix A). The construction equipment and diesel truck DPM emissions were modeled as a line of adjacent volume sources across each project site to represent project construction with a release height of 5 meters, plume height of 10 meters, and plume width of 9 meters. Additionally, an area source was input on each of the construction sites to represent fugitive dust, with a release height of 2 meters.

Figure 1
Wind Rose of Meteorological Data – Oakland International Airport



Source: CARB 2021.

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4.2 Emission Calculations

Construction Emissions Calculations

Emissions from the construction phase of the project were estimated using CalEEMod Version 2020.4.0. Construction would likely occur through June 2023 through March 2024. For the HRA, we are concerned with DPM emitted from exhaust from on-site construction equipment and diesel vehicles (with $PM_{2.5}$ exhaust used as surrogate). Notably, the default construction on-road vehicle trip lengths were reduced to 0.19 miles (1,000 feet) to account for just localized emissions, such as on-site movement and pass-by emissions. Additionally, to determine total $PM_{2.5}$ concentrations, fugitive dust from earth movement were also estimated. Complete detailed construction assumptions are included in Appendix A.

Table 2 presents the estimated annual $PM_{2.5}$ emissions (exhaust and fugitive dust) generated during construction of the proposed project.

Table 2
Project Annual $PM_{2.5}$ Construction Emissions

Scenario	$PM_{2.5}$ Exhaust[1]	$PM_{2.5}$ Dust[2]
	Tons per year	
Total Construction 2023-2024	0.016	0.005

Notes: $PM_{2.5}$ = particulate matter with an aerodynamic resistance diameter of 2.5 micrometers or less.

1 Exhaust emissions are based on the "mitigated" CalEEMod output; however, incorporation of Tier 4 equipment is part of the project and is not considered mitigation.

2 Fugitive dust emissions account for the required BAAQMD best management practices for dust control, as implemented in the UC Berkeley Continuing Best Practice (CBP) AIR-2. As such, the controls are not considered mitigation.

4.3 Health Risk Assessment Methodology

In March 2015, the OEHHA approved the 2015 Risk Assessment Guidelines Manual (OEHHA 2015). The construction and operational HRA was prepared following the 2015 Risk Assessment Guidelines Manual. Cancer and noncancer health risk calculations were performed for the project using ground-level unity emission concentration (X/Q) input from AERMOD. This modeling established the emissions dispersion field to the existing sensitive receptors from atmospheric influence of the source emissions. Plot files generated in AERMOD were then imported into HARP2, with ground level concentrations determined by multiplication of emission rates and X/Q values for each source of emissions. HARP2 then assessed resulting cancer and noncancer risk at the existing receptors from exposure to TAC emissions.

5 HEALTH RISK RESULTS

The cancer risk calculations were performed by multiplying the AERMOD-predicted DPM concentrations in μg/m^3 per unit g/s due to DPM emissions from trucks and construction equipment by the appropriate risk values. The potential exposure pathway for DPM includes inhalation only. The potential exposure through other pathways (e.g., ingestion) requires substance and site-specific data, and the specific parameters for DPM are not known for these pathways (CARB 1998).

The maximally exposed receptor would be the nearest off-site existing residence to the south of the project boundary, along Canyon Road. Potential health risk at the maximally exposed individual resident (MEIR) resulting from construction activities are shown in Table 3 below.

Table 3
Construction-Related Health Risk

Receptor	Cancer Risk (persons per million)	Chronic Impact	$PM_{2.5}$ Concentration (μg/m^3)
Maximally Exposed Individual Resident (MEIR)[1,2]	1.05	0.0019	0.012
BAAQMD Significance Criteria	10	1.0	0.3
Exceed Threshold?	No	No	No

Source: Appendix B.

Note: MEIR = maximally exposed individual resident; BAAQMD = Bay Area Air Quality Management District; $PM_{2.5}$ = fine particulate matter; UTM = Universal Transverse Mercator

Diesel exhaust exposure at proximate receptors was modeled with AERMOD, and then input into HARP2 to generate health risk estimates. Construction diesel particulate exposure was assumed to begin in the third trimester of pregnancy for a duration of 0.6 years of active construction. The total $PM_{2.5}$ concentrations include both exhaust and fugitive dust.

1 The MEIR for health risk impacts is directly south of the project at UTM coordinates 566170.46 meters Easting (m E)/ 4191774.22 meters Northing (m N).

2 Risk values are based on the "mitigated" CalEEMod emissions output; however, incorporation of Tier 4 equipment and fugitive dust controls are part of the project and are not considered mitigation.

As shown in Table 3, the incremental cancer risk at the MEIR of 1 in 1 million (assuming exposure starts in third trimester of pregnancy) from project construction would not exceed the BAAQMD threshold of 10 in 1 million. The chronic hazard index would be 0.0019 at the MEIR, which would be below the BAAQMD threshold of 1.0. The maximum annual $PM_{2.5}$ concentration would be 0.012 micrograms per cubic meter at the MEIR, which would be below the BAAQMD threshold of 0.3 micrograms per cubic meter. Based on the preceding considerations, potential health risk impacts associated with proposed project construction would be less than significant.

6 CONCLUSIONS

The results determined in this analysis reflect reasonable estimates of source emissions and exhaust characteristics, available meteorological data near the project site, and the use of currently approved air quality models. Given the limits of available tools for such an analysis, the actual

impacts may vary from the estimates in this assessment. However, the combined use of the AERMOD dispersion model and the health impact calculations required by OEHHA and BAAQMD tend to overpredict impacts, such that they produce conservative (i.e., health-protective) results. For this reason, the estimated cancer risks and noncancer hazard indices reported in this analysis are likely upper-bound estimates for potential exposure to project-related emissions. In addition, the estimated cancer risks and noncancer hazard indices represent the maximum exposed individual (resident) and do not represent the risk over a broad area. The actual risks of cancer or noncancer effects from the project are likely to be lower than presented herein.

Based on this analysis, project construction would result in potential cancer risk, chronic health risk impacts, and $PM_{2.5}$ concentrations that would be less than significant without mitigation.

7 REFERENCES

14 CCR 15000–15387 and Appendices A–L. Guidelines for Implementation of the California Environmental Quality Act, as amended.

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APPENDIX A

Emission Calculations

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Cal Softball Field Renovation Project - Const HRA

Alameda County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	0.20	Acre	0.20	8,712.00	0
City Park	0.90	Acre	0.90	39,204.00	0
Health Club	60.43	1000sqft	1.01	60,429.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	63
Climate Zone	4			**Operational Year**	2024
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Levine-Fricke Field Renovation Project

Land Use - Proposed uses: 0.9 acre field (modeled as City Park), 60,429 sq ft of supportive buildings/structures (modeled as Health Club), and about 0.2 acres to be paved. ~2.11 acres to be graded

Construction Phase - Phase durations based on applicant input

Off-road Equipment - Default

Off-road Equipment - Default

Off-road Equipment - Default

Off-road Equipment - Default

Off-road Equipment - Default

Off-road Equipment - Default

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Trips and VMT - Default assumptions except for vendor truck trips added to Site Preparation and Grading phases to account for water trucks. Reduced triplengths to 1,000 feet to account for pass-bys

On-road Fugitive Dust - Default

Demolition - 2,410 sf of buildings/structures and 66,030 sf of impermeable surface to be demolished

Grading - Total soil import of 2,219 CY

Architectural Coating - Default

Vehicle Trips - Worst-case annual net increase of 26 average new daily trips based on 325x"Typical Days" plus 30x"Average Event Days" (which have max new trips) minus 10 days of federal holidays

Consumer Products - Default

Area Coating - Default

Landscape Equipment - Default. Conservative since landscaping likely minimal based on synthetic turf field.

Energy Use - No natural gas demand for the project as indicated by the applicant

Water And Wastewater - Zeroed out outdoor water for the proposed buildings/structures. Retained outdoor water for the "City Park" as a conservative estimate for the project since the field will be synthetic turf

Solid Waste - Default

Construction Off-road Equipment Mitigation - BAAQMD BMPs: Watering 2x/day and limiting vehicle speeds on unpaved areas to 15 mph. UCB will also require Tier 4 Final for all equipment >= 50 hp

Waste Mitigation - 54% waste diversion based on current campus average

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	220.00	168.00
tblEnergyUse	NT24NG	6.67	0.00
tblEnergyUse	T24NG	19.51	0.00
tblGrading	MaterialImported	0.00	2,219.00
tblLandUse	LandUseSquareFeet	60,430.00	60,429.00
tblLandUse	LotAcreage	1.39	1.01
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	VendorTripLength	7.30	0.19
tblTripsAndVMT	VendorTripLength	7.30	0.19
tblTripsAndVMT	VendorTripLength	7.30	0.19

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblTripsAndVMT	VendorTripLength	7.30	0.19
tblTripsAndVMT	VendorTripLength	7.30	0.19
tblTripsAndVMT	VendorTripLength	7.30	0.19
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripLength	10.80	0.00
tblTripsAndVMT	WorkerTripLength	10.80	0.00
tblTripsAndVMT	WorkerTripLength	10.80	0.00
tblTripsAndVMT	WorkerTripLength	10.80	0.00
tblTripsAndVMT	WorkerTripLength	10.80	0.00
tblTripsAndVMT	WorkerTripLength	10.80	0.00
tblVehicleTrips	ST_TR	1.96	30.86
tblVehicleTrips	ST_TR	20.87	0.00
tblVehicleTrips	SU_TR	2.19	30.86
tblVehicleTrips	SU_TR	26.73	0.00
tblVehicleTrips	WD_TR	0.78	30.86
tblVehicleTrips	WD_TR	32.93	0.00
tblWater	OutdoorWaterUseRate	2,190,528.51	0.00

2.0 Emissions Summary

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	0.1303	1.0643	1.0785	1.9100e-003	0.0296	0.0472	0.0767	0.0115	0.0449	0.0564	0.0000	160.6179	160.6179	0.0327	5.8000e-004	161.6086
2024	0.3597	0.3407	0.3946	6.8000e-004	9.0000e-005	0.0144	0.0145	3.0000e-005	0.0137	0.0138	0.0000	56.7186	56.7186	0.0114	1.8000e-004	57.0570
Maximum	**0.3597**	**1.0643**	**1.0785**	**1.9100e-003**	**0.0296**	**0.0472**	**0.0767**	**0.0115**	**0.0449**	**0.0564**	**0.0000**	**160.6179**	**160.6179**	**0.0327**	**5.8000e-004**	**161.6086**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	0.0674	0.3507	1.1786	1.9100e-003	0.0135	0.0124	0.0258	5.2100e-003	0.0124	0.0176	0.0000	160.6177	160.6177	0.0327	5.8000e-004	161.6084
2024	0.3405	0.1251	0.4326	6.8000e-004	9.0000e-005	4.0400e-003	4.1300e-003	3.0000e-005	4.0400e-003	4.0700e-003	0.0000	56.7186	56.7186	0.0114	1.8000e-004	57.0569
Maximum	**0.3405**	**0.3507**	**1.1786**	**1.9100e-003**	**0.0135**	**0.0124**	**0.0258**	**5.2100e-003**	**0.0124**	**0.0176**	**0.0000**	**160.6177**	**160.6177**	**0.0327**	**5.8000e-004**	**161.6084**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**16.75**	**66.13**	**-9.38**	**0.00**	**54.32**	**73.36**	**67.16**	**54.47**	**72.05**	**69.16**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**6-1-2023**	**8-31-2023**	0.5194	0.1416
2	**9-1-2023**	**11-30-2023**	0.5087	0.2079
3	**12-1-2023**	**2-29-2024**	0.4890	0.2040
4	**3-1-2024**	**5-31-2024**	0.3744	0.3281
		Highest	0.5194	0.3281

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.2687	1.0000e-005	5.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-003	1.1000e-003	0.0000	0.0000	1.1700e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	45.2881	45.2881	7.3300e-003	8.9000e-004	45.7359
Mobile	0.0109	0.0133	0.0989	2.1000e-004	0.0219	1.6000e-004	0.0220	5.8400e-003	1.5000e-004	5.9900e-003	0.0000	19.2528	19.2528	1.2800e-003	1.0300e-003	19.5914
Waste						0.0000	0.0000		0.0000	0.0000	69.9365	0.0000	69.9365	4.1331	0.0000	173.2647
Water						0.0000	0.0000		0.0000	0.0000	1.1339	2.1366	3.2705	0.1168	2.7900e-003	7.0225
Total	**0.2796**	**0.0133**	**0.0994**	**2.1000e-004**	**0.0219**	**1.6000e-004**	**0.0220**	**5.8400e-003**	**1.5000e-004**	**5.9900e-003**	**71.0704**	**66.6786**	**137.7489**	**4.2586**	**4.7100e-003**	**245.6156**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.2687	1.0000e-005	5.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-003	1.1000e-003	0.0000	0.0000	1.1700e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	45.2881	45.2881	7.3300e-003	8.9000e-004	45.7359
Mobile	0.0109	0.0133	0.0989	2.1000e-004	0.0219	1.6000e-004	0.0220	5.8400e-003	1.5000e-004	5.9900e-003	0.0000	19.2528	19.2528	1.2800e-003	1.0300e-003	19.5914
Waste						0.0000	0.0000		0.0000	0.0000	32.1708	0.0000	32.1708	1.9012	0.0000	79.7017
Water						0.0000	0.0000		0.0000	0.0000	1.1339	2.1366	3.2705	0.1168	2.7900e-003	7.0225
Total	**0.2796**	**0.0133**	**0.0994**	**2.1000e-004**	**0.0219**	**1.6000e-004**	**0.0220**	**5.8400e-003**	**1.5000e-004**	**5.9900e-003**	**33.3047**	**66.6786**	**99.9832**	**2.0267**	**4.7100e-003**	**152.0527**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**53.14**	**0.00**	**27.42**	**52.41**	**0.00**	**38.09**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	6/1/2023	6/28/2023	5	20	
2	Site Preparation	Site Preparation	6/29/2023	7/3/2023	5	3	
3	Grading	Grading	7/4/2023	7/11/2023	5	6	

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4	Building Construction	Building Construction	7/12/2023	3/1/2024	5	168	
5	Paving	Paving	3/2/2024	3/15/2024	5	10	
6	Architectural Coating	Architectural Coating	3/16/2024	3/29/2024	5	10	

Acres of Grading (Site Preparation Phase): 4.5

Acres of Grading (Grading Phase): 6

Acres of Paving: 0.2

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 90,644; Non-Residential Outdoor: 30,215; Striped Parking Area: 523 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Scrapers	1	8.00	367	0.48
Site Preparation	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	7.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Paving	Rollers	2	8.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	13.00	0.00	51.00	0.00	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	2.00	0.00	0.00	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	2.00	277.00	0.00	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Building Construction	8	46.00	18.00	0.00	0.00	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	0.00	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	9.00	0.00	0.00	0.00	0.19	0.19	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.5400e-003	0.0000	5.5400e-003	8.4000e-004	0.0000	8.4000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0147	0.1432	0.1346	2.4000e-004		6.7700e-003	6.7700e-003		6.3300e-003	6.3300e-003	0.0000	21.0866	21.0866	5.3500e-003	0.0000	21.2202
Total	**0.0147**	**0.1432**	**0.1346**	**2.4000e-004**	**5.5400e-003**	**6.7700e-003**	**0.0123**	**8.4000e-004**	**6.3300e-003**	**7.1700e-003**	**0.0000**	**21.0866**	**21.0866**	**5.3500e-003**	**0.0000**	**21.2202**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.0000e-005	4.8000e-004	3.8000e-004	0.0000	0.0000	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0769	0.0769	0.0000	1.0000e-005	0.0806
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5000e-004	7.0000e-005	7.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0226	0.0226	2.0000e-005	1.0000e-005	0.0252
Total	**1.8000e-004**	**5.5000e-004**	**1.1000e-003**	**0.0000**	**0.0000**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0995**	**0.0995**	**2.0000e-005**	**2.0000e-005**	**0.1057**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.4900e-003	0.0000	2.4900e-003	3.8000e-004	0.0000	3.8000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.8100e-003	0.0122	0.1472	2.4000e-004		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004	0.0000	21.0865	21.0865	5.3500e-003	0.0000	21.2202
Total	**2.8100e-003**	**0.0122**	**0.1472**	**2.4000e-004**	**2.4900e-003**	**3.7000e-004**	**2.8600e-003**	**3.8000e-004**	**3.7000e-004**	**7.5000e-004**	**0.0000**	**21.0865**	**21.0865**	**5.3500e-003**	**0.0000**	**21.2202**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.0000e-005	4.8000e-004	3.8000e-004	0.0000	0.0000	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0769	0.0769	0.0000	1.0000e-005	0.0806
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5000e-004	7.0000e-005	7.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0226	0.0226	2.0000e-005	1.0000e-005	0.0252
Total	**1.8000e-004**	**5.5000e-004**	**1.1000e-003**	**0.0000**	**0.0000**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0995**	**0.0995**	**2.0000e-005**	**2.0000e-005**	**0.1057**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.3900e-003	0.0000	2.3900e-003	2.6000e-004	0.0000	2.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9500e-003	0.0214	0.0147	4.0000e-005		8.1000e-004	8.1000e-004		7.5000e-004	7.5000e-004	0.0000	3.2317	3.2317	1.0500e-003	0.0000	3.2578
Total	**1.9500e-003**	**0.0214**	**0.0147**	**4.0000e-005**	**2.3900e-003**	**8.1000e-004**	**3.2000e-003**	**2.6000e-004**	**7.5000e-004**	**1.0100e-003**	**0.0000**	**3.2317**	**3.2317**	**1.0500e-003**	**0.0000**	**3.2578**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	4.0000e-005	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	5.6900e-003	5.6900e-003	0.0000	0.0000	5.9600e-003
Worker	1.0000e-005	1.0000e-005	7.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2.0800e-003	2.0800e-003	0.0000	0.0000	2.3200e-003
Total	**1.0000e-005**	**5.0000e-005**	**1.0000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**7.7700e-003**	**7.7700e-003**	**0.0000**	**0.0000**	**8.2800e-003**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.0700e-003	0.0000	1.0700e-003	1.2000e-004	0.0000	1.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.5000e-004	1.9600e-003	0.0178	4.0000e-005		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	3.2317	3.2317	1.0500e-003	0.0000	3.2578
Total	**4.5000e-004**	**1.9600e-003**	**0.0178**	**4.0000e-005**	**1.0700e-003**	**6.0000e-005**	**1.1300e-003**	**1.2000e-004**	**6.0000e-005**	**1.8000e-004**	**0.0000**	**3.2317**	**3.2317**	**1.0500e-003**	**0.0000**	**3.2578**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	4.0000e-005	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	5.6900e-003	5.6900e-003	0.0000	0.0000	5.9600e-003
Worker	1.0000e-005	1.0000e-005	7.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2.0800e-003	2.0800e-003	0.0000	0.0000	2.3200e-003
Total	**1.0000e-005**	**5.0000e-005**	**1.0000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**7.7700e-003**	**7.7700e-003**	**0.0000**	**0.0000**	**8.2800e-003**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0214	0.0000	0.0214	0.0103	0.0000	0.0103	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.0000e-003	0.0434	0.0261	6.0000e-005		1.8100e-003	1.8100e-003		1.6700e-003	1.6700e-003	0.0000	5.4312	5.4312	1.7600e-003	0.0000	5.4751
Total	**4.0000e-003**	**0.0434**	**0.0261**	**6.0000e-005**	**0.0214**	**1.8100e-003**	**0.0232**	**0.0103**	**1.6700e-003**	**0.0120**	**0.0000**	**5.4312**	**5.4312**	**1.7600e-003**	**0.0000**	**5.4751**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.4000e-004	2.6100e-003	2.0700e-003	0.0000	3.0000e-005	0.0000	3.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.4177	0.4177	1.0000e-005	7.0000e-005	0.4375
Vendor	0.0000	7.0000e-005	5.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0114	0.0114	0.0000	0.0000	0.0119
Worker	3.0000e-005	2.0000e-005	1.7000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	5.2100e-003	5.2100e-003	0.0000	0.0000	5.8100e-003
Total	**1.7000e-004**	**2.7000e-003**	**2.2900e-003**	**0.0000**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.4343**	**0.4343**	**1.0000e-005**	**7.0000e-005**	**0.4553**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					9.6200e-003	0.0000	9.6200e-003	4.6300e-003	0.0000	4.6300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.6000e-004	3.2800e-003	0.0327	6.0000e-005		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	5.4312	5.4312	1.7600e-003	0.0000	5.4751
Total	**7.6000e-004**	**3.2800e-003**	**0.0327**	**6.0000e-005**	**9.6200e-003**	**1.0000e-004**	**9.7200e-003**	**4.6300e-003**	**1.0000e-004**	**4.7300e-003**	**0.0000**	**5.4312**	**5.4312**	**1.7600e-003**	**0.0000**	**5.4751**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.4000e-004	2.6100e-003	2.0700e-003	0.0000	3.0000e-005	0.0000	3.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.4177	0.4177	1.0000e-005	7.0000e-005	0.4375
Vendor	0.0000	7.0000e-005	5.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0114	0.0114	0.0000	0.0000	0.0119
Worker	3.0000e-005	2.0000e-005	1.7000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	5.2100e-003	5.2100e-003	0.0000	0.0000	5.8100e-003
Total	**1.7000e-004**	**2.7000e-003**	**2.2900e-003**	**0.0000**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.4343**	**0.4343**	**1.0000e-005**	**7.0000e-005**	**0.4553**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1054	0.8379	0.8742	1.5400e-003		0.0377	0.0377		0.0362	0.0362	0.0000	127.7368	127.7368	0.0242	0.0000	128.3407
Total	**0.1054**	**0.8379**	**0.8742**	**1.5400e-003**		**0.0377**	**0.0377**		**0.0362**	**0.0362**	**0.0000**	**127.7368**	**127.7368**	**0.0242**	**0.0000**	**128.3407**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.5000e-004	0.0137	9.8000e-003	2.0000e-005	2.2000e-004	1.0000e-005	2.3000e-004	7.0000e-005	1.0000e-005	8.0000e-005	0.0000	2.0990	2.0990	5.0000e-005	3.3000e-004	2.1980
Worker	3.2300e-003	1.4500e-003	0.0157	1.0000e-005	3.0000e-005	1.0000e-005	4.0000e-005	1.0000e-005	1.0000e-005	2.0000e-005	0.0000	0.4912	0.4912	3.4000e-004	1.6000e-004	0.5476
Total	**3.8800e-003**	**0.0151**	**0.0255**	**3.0000e-005**	**2.5000e-004**	**2.0000e-005**	**2.7000e-004**	**8.0000e-005**	**2.0000e-005**	**1.0000e-004**	**0.0000**	**2.5902**	**2.5902**	**3.9000e-004**	**4.9000e-004**	**2.7456**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0591	0.3149	0.9519	1.5400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	127.7366	127.7366	0.0242	0.0000	128.3405
Total	**0.0591**	**0.3149**	**0.9519**	**1.5400e-003**		**0.0118**	**0.0118**		**0.0118**	**0.0118**	**0.0000**	**127.7366**	**127.7366**	**0.0242**	**0.0000**	**128.3405**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.5000e-004	0.0137	9.8000e-003	2.0000e-005	2.2000e-004	1.0000e-005	2.3000e-004	7.0000e-005	1.0000e-005	8.0000e-005	0.0000	2.0990	2.0990	5.0000e-005	3.3000e-004	2.1980
Worker	3.2300e-003	1.4500e-003	0.0157	1.0000e-005	3.0000e-005	1.0000e-005	4.0000e-005	1.0000e-005	1.0000e-005	2.0000e-005	0.0000	0.4912	0.4912	3.4000e-004	1.6000e-004	0.5476
Total	**3.8800e-003**	**0.0151**	**0.0255**	**3.0000e-005**	**2.5000e-004**	**2.0000e-005**	**2.7000e-004**	**8.0000e-005**	**2.0000e-005**	**1.0000e-004**	**0.0000**	**2.5902**	**2.5902**	**3.9000e-004**	**4.9000e-004**	**2.7456**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0359	0.2885	0.3173	5.6000e-004		0.0121	0.0121		0.0116	0.0116	0.0000	46.7356	46.7356	8.7000e-003	0.0000	46.9533
Total	**0.0359**	**0.2885**	**0.3173**	**5.6000e-004**		**0.0121**	**0.0121**		**0.0116**	**0.0116**	**0.0000**	**46.7356**	**46.7356**	**8.7000e-003**	**0.0000**	**46.9533**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.4000e-004	4.9800e-003	3.5400e-003	1.0000e-005	8.0000e-005	1.0000e-005	9.0000e-005	2.0000e-005	1.0000e-005	3.0000e-005	0.0000	0.7549	0.7549	2.0000e-005	1.2000e-004	0.7904
Worker	1.0900e-003	4.9000e-004	5.5300e-003	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	1.0000e-005	0.0000	0.1740	0.1740	1.1000e-004	6.0000e-005	0.1936
Total	**1.3300e-003**	**5.4700e-003**	**9.0700e-003**	**1.0000e-005**	**9.0000e-005**	**1.0000e-005**	**1.0000e-004**	**2.0000e-005**	**1.0000e-005**	**4.0000e-005**	**0.0000**	**0.9288**	**0.9288**	**1.3000e-004**	**1.8000e-004**	**0.9840**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0204	0.1125	0.3473	5.6000e-004		3.8000e-003	3.8000e-003		3.8000e-003	3.8000e-003	0.0000	46.7356	46.7356	8.7000e-003	0.0000	46.9532
Total	**0.0204**	**0.1125**	**0.3473**	**5.6000e-004**		**3.8000e-003**	**3.8000e-003**		**3.8000e-003**	**3.8000e-003**	**0.0000**	**46.7356**	**46.7356**	**8.7000e-003**	**0.0000**	**46.9532**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.4000e-004	4.9800e-003	3.5400e-003	1.0000e-005	8.0000e-005	1.0000e-005	9.0000e-005	2.0000e-005	1.0000e-005	3.0000e-005	0.0000	0.7549	0.7549	2.0000e-005	1.2000e-004	0.7904
Worker	1.0900e-003	4.9000e-004	5.5300e-003	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	1.0000e-005	0.0000	0.1740	0.1740	1.1000e-004	6.0000e-005	0.1936
Total	**1.3300e-003**	**5.4700e-003**	**9.0700e-003**	**1.0000e-005**	**9.0000e-005**	**1.0000e-005**	**1.0000e-004**	**2.0000e-005**	**1.0000e-005**	**4.0000e-005**	**0.0000**	**0.9288**	**0.9288**	**1.3000e-004**	**1.8000e-004**	**0.9840**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.2100e-003	0.0405	0.0585	9.0000e-005		1.9800e-003	1.9800e-003		1.8300e-003	1.8300e-003	0.0000	7.7574	7.7574	2.4600e-003	0.0000	7.8188
Paving	2.6000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.4700e-003**	**0.0405**	**0.0585**	**9.0000e-005**		**1.9800e-003**	**1.9800e-003**		**1.8300e-003**	**1.8300e-003**	**0.0000**	**7.7574**	**7.7574**	**2.4600e-003**	**0.0000**	**7.8188**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	4.0000e-005	4.0000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0126	0.0126	1.0000e-005	0.0000	0.0140
Total	**8.0000e-005**	**4.0000e-005**	**4.0000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0126**	**0.0126**	**1.0000e-005**	**0.0000**	**0.0140**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Paving - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.3500e-003	6.4000e-003	0.0664	9.0000e-005		2.1000e-004	2.1000e-004		2.1000e-004	2.1000e-004	0.0000	7.7573	7.7573	2.4600e-003	0.0000	7.8188
Paving	2.6000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.6100e-003**	**6.4000e-003**	**0.0664**	**9.0000e-005**		**2.1000e-004**	**2.1000e-004**		**2.1000e-004**	**2.1000e-004**	**0.0000**	**7.7573**	**7.7573**	**2.4600e-003**	**0.0000**	**7.8188**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	4.0000e-005	4.0000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0126	0.0126	1.0000e-005	0.0000	0.0140
Total	**8.0000e-005**	**4.0000e-005**	**4.0000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0126**	**0.0126**	**1.0000e-005**	**0.0000**	**0.0140**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.3169					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.0000e-004	6.0900e-003	9.0500e-003	1.0000e-005		3.0000e-004	3.0000e-004		3.0000e-004	3.0000e-004	0.0000	1.2766	1.2766	7.0000e-005	0.0000	1.2784
Total	**0.3178**	**6.0900e-003**	**9.0500e-003**	**1.0000e-005**		**3.0000e-004**	**3.0000e-004**		**3.0000e-004**	**3.0000e-004**	**0.0000**	**1.2766**	**1.2766**	**7.0000e-005**	**0.0000**	**1.2784**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-005	2.0000e-005	2.4000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	7.5600e-003	7.5600e-003	0.0000	0.0000	8.4200e-003
Total	**5.0000e-005**	**2.0000e-005**	**2.4000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**7.5600e-003**	**7.5600e-003**	**0.0000**	**0.0000**	**8.4200e-003**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.3169					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.5000e-004	6.4000e-004	9.1600e-003	1.0000e-005		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	1.2766	1.2766	7.0000e-005	0.0000	1.2784
Total	**0.3171**	**6.4000e-004**	**9.1600e-003**	**1.0000e-005**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**1.2766**	**1.2766**	**7.0000e-005**	**0.0000**	**1.2784**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-005	2.0000e-005	2.4000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	7.5600e-003	7.5600e-003	0.0000	0.0000	8.4200e-003
Total	**5.0000e-005**	**2.0000e-005**	**2.4000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**7.5600e-003**	**7.5600e-003**	**0.0000**	**0.0000**	**8.4200e-003**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0109	0.0133	0.0989	2.1000e-004	0.0219	1.6000e-004	0.0220	5.8400e-003	1.5000e-004	5.9900e-003	0.0000	19.2528	19.2528	1.2800e-003	1.0300e-003	19.5914
Unmitigated	0.0109	0.0133	0.0989	2.1000e-004	0.0219	1.6000e-004	0.0220	5.8400e-003	1.5000e-004	5.9900e-003	0.0000	19.2528	19.2528	1.2800e-003	1.0300e-003	19.5914

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	27.77	27.77	27.77	59,293	59,293
Health Club	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	27.77	27.77	27.77	59,293	59,293

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Health Club	9.50	7.30	7.30	16.90	64.10	19.00	52	39	9
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.569946	0.056495	0.180011	0.112201	0.020944	0.005169	0.013608	0.012941	0.000792	0.000570	0.024535	0.000337	0.002451
Health Club	0.569946	0.056495	0.180011	0.112201	0.020944	0.005169	0.013608	0.012941	0.000792	0.000570	0.024535	0.000337	0.002451
Other Asphalt Surfaces	0.569946	0.056495	0.180011	0.112201	0.020944	0.005169	0.013608	0.012941	0.000792	0.000570	0.024535	0.000337	0.002451

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	45.2881	45.2881	7.3300e-003	8.9000e-004	45.7359
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	45.2881	45.2881	7.3300e-003	8.9000e-004	45.7359
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Health Club	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Health Club	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Health Club	489475	45.2881	7.3300e-003	8.9000e-004	45.7359
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**45.2881**	**7.3300e-003**	**8.9000e-004**	**45.7359**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Health Club	489475	45.2881	7.3300e-003	8.9000e-004	45.7359
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**45.2881**	**7.3300e-003**	**8.9000e-004**	**45.7359**

6.0 Area Detail

6.1 Mitigation Measures Area

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.2687	1.0000e-005	5.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-003	1.1000e-003	0.0000	0.0000	1.1700e-003
Unmitigated	0.2687	1.0000e-005	5.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-003	1.1000e-003	0.0000	0.0000	1.1700e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0317					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2369					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.0000e-005	1.0000e-005	5.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-003	1.1000e-003	0.0000	0.0000	1.1700e-003
Total	**0.2687**	**1.0000e-005**	**5.6000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**1.1000e-003**	**1.1000e-003**	**0.0000**	**0.0000**	**1.1700e-003**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0317					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2369					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.0000e-005	1.0000e-005	5.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-003	1.1000e-003	0.0000	0.0000	1.1700e-003
Total	**0.2687**	**1.0000e-005**	**5.6000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**1.1000e-003**	**1.1000e-003**	**0.0000**	**0.0000**	**1.1700e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	3.2705	0.1168	2.7900e-003	7.0225
Unmitigated	3.2705	0.1168	2.7900e-003	7.0225

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 1.07233	0.3473	6.0000e-005	1.0000e-005	0.3507
Health Club	3.57402 / 0	2.9232	0.1168	2.7800e-003	6.6718
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**3.2705**	**0.1168**	**2.7900e-003**	**7.0225**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 1.07233	0.3473	6.0000e-005	1.0000e-005	0.3507
Health Club	3.57402 / 0	2.9232	0.1168	2.7800e-003	6.6718
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**3.2705**	**0.1168**	**2.7900e-003**	**7.0225**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	32.1708	1.9012	0.0000	79.7017
Unmitigated	69.9365	4.1331	0.0000	173.2647

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.08	0.0162	9.6000e-004	0.0000	0.0402
Health Club	344.45	69.9202	4.1322	0.0000	173.2244
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**69.9365**	**4.1331**	**0.0000**	**173.2647**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.0368	7.4700e-003	4.4000e-004	0.0000	0.0185
Health Club	158.447	32.1633	1.9008	0.0000	79.6832
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**32.1708**	**1.9012**	**0.0000**	**79.7018**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

APPENDIX B

HARP2 and AERMOD Output Files

Cal Softball Fields Project Construction HRA - Cancer Risk - Sorted Max to Min

*HARP - HRACalc v22118 7/18/2022 1:46:57 PM

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_R	EGG_RISK
1187	ALL		566170.46	4191774.22	1.05E-06	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1188	ALL		566190.46	4191774.22	1.02E-06	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1175	ALL		566130.46	4191754.22	5.92E-07	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1176	ALL		566150.46	4191754.22	5.36E-07	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1177	ALL		566170.46	4191754.22	4.69E-07	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1178	ALL		566190.46	4191754.22	4.43E-07	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1162	ALL		566110.46	4191734.22	3.64E-07	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1163	ALL		566130.46	4191734.22	3.41E-07	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1164	ALL		566150.46	4191734.22	2.91E-07	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1165	ALL		566170.46	4191734.22	2.52E-07	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1166	ALL		566190.46	4191734.22	2.36E-07	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1148	ALL		566090.46	4191714.22	2.32E-07	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1149	ALL		566110.46	4191714.22	2.16E-07	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1147	ALL		566070.46	4191714.22	2.13E-07	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1150	ALL		566130.46	4191714.22	1.96E-07	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1151	ALL		566150.46	4191714.22	1.72E-07	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1127	ALL		566070.46	4191694.22	1.68E-07	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1128	ALL		566090.46	4191694.22	1.56E-07	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1152	ALL		566170.46	4191714.22	1.54E-07	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1126	ALL		566050.46	4191694.22	1.52E-07	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1153	ALL		566190.46	4191714.22	1.48E-07	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1129	ALL		566110.46	4191694.22	1.40E-07	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1137	ALL		566270.46	4191694.22	1.38E-07	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1136	ALL		566250.46	4191694.22	1.27E-07	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1130	ALL		566130.46	4191694.22	1.23E-07	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1104	ALL		566050.46	4191674.22	1.21E-07	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1105	ALL		566070.46	4191674.22	1.18E-07	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1135	ALL		566230.46	4191694.22	1.15E-07	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1103	ALL		566030.46	4191674.22	1.15E-07	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1131	ALL		566150.46	4191694.22	1.10E-07	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1106	ALL		566090.46	4191674.22	1.07E-07	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1134	ALL		566210.46	4191694.22	1.05E-07	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1116	ALL		566290.46	4191674.22	1.05E-07	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1132	ALL		566170.46	4191694.22	1.02E-07	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1102	ALL		566010.46	4191674.22	1.02E-07	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1133	ALL		566190.46	4191694.22	9.98E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1115	ALL		566270.46	4191674.22	9.70E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1107	ALL		566110.46	4191674.22	9.33E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1078	ALL		566030.46	4191654.22	9.02E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1077	ALL		566010.46	4191654.22	8.91E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1079	ALL		566050.46	4191654.22	8.88E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1114	ALL		566250.46	4191674.22	8.75E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1080	ALL		566070.46	4191654.22	8.43E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1108	ALL		566130.46	4191674.22	8.29E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1092	ALL		566310.46	4191654.22	8.26E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1113	ALL		566230.46	4191674.22	7.98E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1043	ALL		566010.46	4191634.22	7.78E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1062	ALL		566390.46	4191634.22	7.72E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1091	ALL		566290.46	4191654.22	7.68E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1109	ALL		566150.46	4191674.22	7.64E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1081	ALL		566090.46	4191654.22	7.60E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1061	ALL		566370.46	4191634.22	7.46E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1112	ALL		566210.46	4191674.22	7.41E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1044	ALL		566030.46	4191634.22	7.40E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1110	ALL		566170.46	4191674.22	7.17E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1060	ALL	566350.46	4191634.22	7.13E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1111	ALL	566190.46	4191674.22	7.11E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1090	ALL	566270.46	4191654.22	7.01E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1042	ALL	565990.46	4191634.22	7.01E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
992	ALL	566010.46	4191614.22	6.83E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1045	ALL	566050.46	4191634.22	6.81E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1059	ALL	566330.46	4191634.22	6.75E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1082	ALL	566110.46	4191654.22	6.69E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1015	ALL	566470.46	4191614.22	6.68E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1014	ALL	566450.46	4191614.22	6.68E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1016	ALL	566490.46	4191614.22	6.62E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1013	ALL	566430.46	4191614.22	6.60E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1017	ALL	566510.46	4191614.22	6.49E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1012	ALL	566410.46	4191614.22	6.46E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
993	ALL	566030.46	4191614.22	6.40E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1089	ALL	566250.46	4191654.22	6.38E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1046	ALL	566070.46	4191634.22	6.35E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1058	ALL	566310.46	4191634.22	6.33E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1018	ALL	566530.46	4191614.22	6.33E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1041	ALL	565970.46	4191634.22	6.24E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1011	ALL	566390.46	4191614.22	6.24E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
991	ALL	565990.46	4191614.22	6.19E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1019	ALL	566550.46	4191614.22	6.13E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
941	ALL	566010.46	4191594.22	6.01E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1083	ALL	566130.46	4191654.22	5.96E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1010	ALL	566370.46	4191614.22	5.96E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1020	ALL	566570.46	4191614.22	5.92E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1088	ALL	566230.46	4191654.22	5.89E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1057	ALL	566290.46	4191634.22	5.86E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
965	ALL	566490.46	4191594.22	5.77E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
964	ALL	566470.46	4191594.22	5.77E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1047	ALL	566090.46	4191634.22	5.76E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
966	ALL	566510.46	4191594.22	5.72E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
963	ALL	566450.46	4191594.22	5.70E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
942	ALL	566030.46	4191594.22	5.70E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
994	ALL	566050.46	4191614.22	5.66E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1009	ALL	566350.46	4191614.22	5.64E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
967	ALL	566530.46	4191594.22	5.64E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
962	ALL	566430.46	4191594.22	5.58E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1040	ALL	565950.46	4191634.22	5.57E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
990	ALL	565970.46	4191614.22	5.56E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1087	ALL	566210.46	4191654.22	5.53E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
968	ALL	566550.46	4191594.22	5.53E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
940	ALL	565990.46	4191594.22	5.49E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1084	ALL	566150.46	4191654.22	5.49E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
969	ALL	566570.46	4191594.22	5.41E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
961	ALL	566410.46	4191594.22	5.39E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1056	ALL	566270.46	4191634.22	5.36E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1008	ALL	566330.46	4191614.22	5.32E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1086	ALL	566190.46	4191654.22	5.31E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
890	ALL	566010.46	4191574.22	5.30E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1085	ALL	566170.46	4191654.22	5.27E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
891	ALL	566030.46	4191574.22	5.24E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
995	ALL	566070.46	4191614.22	5.23E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1048	ALL	566110.46	4191634.22	5.16E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1375	ALL	566610.64	4191596.95	5.16E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
960	ALL	566390.46	4191594.22	5.15E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
915	ALL	566510.46	4191574.22	5.07E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
914	ALL	566490.46	4191574.22	5.06E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

916	ALL	566530.46	4191574.22	5.04E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
989	ALL	565950.46	4191614.22	5.04E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
943	ALL	566050.46	4191594.22	5.03E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1039	ALL	565930.46	4191634.22	5.02E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
913	ALL	566470.46	4191574.22	5.01E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
917	ALL	566550.46	4191574.22	5.00E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	5.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
939	ALL	565970.46	4191594.22	4.99E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1007	ALL	566310.46	4191614.22	4.98E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
918	ALL	566570.46	4191574.22	4.96E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1055	ALL	566250.46	4191634.22	4.94E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
912	ALL	566450.46	4191574.22	4.93E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
840	ALL	566030.46	4191554.22	4.89E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
889	ALL	565990.46	4191574.22	4.88E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
959	ALL	566370.46	4191594.22	4.88E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1376	ALL	566594.96	4191572.56	4.85E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
911	ALL	566430.46	4191574.22	4.80E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
996	ALL	566090.46	4191614.22	4.70E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
839	ALL	566010.46	4191554.22	4.70E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1049	ALL	566130.46	4191634.22	4.64E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1006	ALL	566290.46	4191614.22	4.63E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1054	ALL	566230.46	4191634.22	4.63E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
910	ALL	566410.46	4191574.22	4.61E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
892	ALL	566050.46	4191574.22	4.60E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
988	ALL	565930.46	4191614.22	4.60E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
958	ALL	566350.46	4191594.22	4.59E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
867	ALL	566570.46	4191554.22	4.59E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
944	ALL	566070.46	4191594.22	4.58E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
938	ALL	565950.46	4191594.22	4.57E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
866	ALL	566550.46	4191554.22	4.57E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
865	ALL	566530.46	4191554.22	4.55E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1038	ALL	565910.46	4191634.22	4.54E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
864	ALL	566510.46	4191554.22	4.54E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
888	ALL	565970.46	4191574.22	4.49E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
863	ALL	566490.46	4191554.22	4.48E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
862	ALL	566470.46	4191554.22	4.43E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
789	ALL	566030.46	4191534.22	4.42E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1053	ALL	566210.46	4191634.22	4.39E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
838	ALL	565990.46	4191554.22	4.37E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
909	ALL	566390.46	4191574.22	4.37E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
861	ALL	566450.46	4191554.22	4.36E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
841	ALL	566050.46	4191554.22	4.32E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
957	ALL	566330.46	4191594.22	4.32E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1050	ALL	566150.46	4191634.22	4.30E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
816	ALL	566570.46	4191534.22	4.30E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1005	ALL	566270.46	4191614.22	4.29E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
860	ALL	566430.46	4191554.22	4.26E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
997	ALL	566110.46	4191614.22	4.23E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
815	ALL	566550.46	4191534.22	4.23E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1052	ALL	566190.46	4191634.22	4.23E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
937	ALL	565930.46	4191594.22	4.20E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1377	ALL	566676.84	4191551.66	4.19E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
788	ALL	566010.46	4191534.22	4.18E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
987	ALL	565910.46	4191614.22	4.18E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1051	ALL	566170.46	4191634.22	4.18E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
814	ALL	566530.46	4191534.22	4.18E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
790	ALL	566050.46	4191534.22	4.17E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
887	ALL	565950.46	4191574.22	4.15E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
813	ALL	566510.46	4191534.22	4.14E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
893	ALL	566070.46	4191574.22	4.11E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

908	ALL	566370.46	4191574.22	4.10E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
859	ALL	566410.46	4191554.22	4.09E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1037	ALL	565890.46	4191634.22	4.09E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
812	ALL	566490.46	4191534.22	4.06E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
956	ALL	566310.46	4191594.22	4.05E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
837	ALL	565970.46	4191554.22	4.05E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
765	ALL	566570.46	4191514.22	4.05E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
945	ALL	566090.46	4191594.22	4.05E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1004	ALL	566250.46	4191614.22	4.01E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	4.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
739	ALL	566050.46	4191514.22	3.97E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
811	ALL	566470.46	4191534.22	3.96E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
764	ALL	566550.46	4191514.22	3.96E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1378	ALL	566582.76	4191498.52	3.93E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
738	ALL	566030.46	4191514.22	3.93E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
787	ALL	565990.46	4191534.22	3.92E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
763	ALL	566530.46	4191514.22	3.88E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
810	ALL	566450.46	4191534.22	3.87E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
998	ALL	566130.46	4191614.22	3.87E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
858	ALL	566390.46	4191554.22	3.86E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
907	ALL	566350.46	4191574.22	3.85E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
936	ALL	565910.46	4191594.22	3.83E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
714	ALL	566570.46	4191494.22	3.83E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
886	ALL	565930.46	4191574.22	3.83E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
842	ALL	566070.46	4191554.22	3.81E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
762	ALL	566510.46	4191514.22	3.81E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
955	ALL	566290.46	4191594.22	3.81E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1003	ALL	566230.46	4191614.22	3.81E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
809	ALL	566430.46	4191534.22	3.80E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
986	ALL	565890.46	4191614.22	3.78E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
836	ALL	565950.46	4191554.22	3.77E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
737	ALL	566010.46	4191514.22	3.74E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
761	ALL	566490.46	4191514.22	3.73E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
713	ALL	566550.46	4191494.22	3.72E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
808	ALL	566410.46	4191534.22	3.71E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1036	ALL	565870.46	4191634.22	3.66E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
786	ALL	565970.46	4191534.22	3.66E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1379	ALL	566607.15	4191478.49	3.66E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1002	ALL	566210.46	4191614.22	3.65E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
946	ALL	566110.46	4191594.22	3.64E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
688	ALL	566050.46	4191494.22	3.64E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
999	ALL	566150.46	4191614.22	3.63E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
712	ALL	566530.46	4191494.22	3.62E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
906	ALL	566330.46	4191574.22	3.61E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
760	ALL	566470.46	4191514.22	3.60E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
857	ALL	566370.46	4191554.22	3.60E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
791	ALL	566070.46	4191534.22	3.59E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
954	ALL	566270.46	4191594.22	3.59E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
894	ALL	566090.46	4191574.22	3.58E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1001	ALL	566190.46	4191614.22	3.56E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
807	ALL	566390.46	4191534.22	3.55E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000	ALL	566170.46	4191614.22	3.54E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
663	ALL	566570.46	4191474.22	3.54E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
711	ALL	566510.46	4191494.22	3.53E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
736	ALL	565990.46	4191514.22	3.53E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
687	ALL	566030.46	4191494.22	3.52E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
885	ALL	565910.46	4191574.22	3.51E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
835	ALL	565930.46	4191554.22	3.49E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
759	ALL	566450.46	4191514.22	3.49E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
935	ALL	565890.46	4191594.22	3.49E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

710	ALL	566490.46	4191494.22	3.47E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
662	ALL	566550.46	4191474.22	3.44E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
758	ALL	566430.46	4191514.22	3.42E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
740	ALL	566070.46	4191514.22	3.42E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
785	ALL	565950.46	4191534.22	3.42E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
953	ALL	566250.46	4191594.22	3.41E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
905	ALL	566310.46	4191574.22	3.41E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
985	ALL	565870.46	4191614.22	3.40E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
757	ALL	566410.46	4191514.22	3.37E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
947	ALL	566130.46	4191594.22	3.36E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
686	ALL	566010.46	4191494.22	3.35E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
709	ALL	566470.46	4191494.22	3.34E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
856	ALL	566350.46	4191554.22	3.34E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
661	ALL	566530.46	4191474.22	3.34E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
806	ALL	566370.46	4191534.22	3.33E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
689	ALL	566070.46	4191494.22	3.31E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
735	ALL	565970.46	4191514.22	3.31E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
756	ALL	566390.46	4191514.22	3.29E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1035	ALL	565850.46	4191634.22	3.28E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
637	ALL	566050.46	4191474.22	3.28E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
952	ALL	566230.46	4191594.22	3.28E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
843	ALL	566090.46	4191554.22	3.27E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
660	ALL	566510.46	4191474.22	3.25E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
904	ALL	566290.46	4191574.22	3.24E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
638	ALL	566070.46	4191474.22	3.24E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1380	ALL	566639.38	4191459.32	3.24E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
834	ALL	565910.46	4191554.22	3.22E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
884	ALL	565890.46	4191574.22	3.22E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
708	ALL	566450.46	4191494.22	3.21E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
895	ALL	566110.46	4191574.22	3.20E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
612	ALL	566570.46	4191454.22	3.20E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
659	ALL	566490.46	4191474.22	3.19E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
948	ALL	566150.46	4191594.22	3.18E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
784	ALL	565930.46	4191534.22	3.18E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
951	ALL	566210.46	4191594.22	3.17E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
685	ALL	565990.46	4191494.22	3.17E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
934	ALL	565870.46	4191594.22	3.17E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
636	ALL	566030.46	4191474.22	3.15E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
755	ALL	566370.46	4191514.22	3.15E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
855	ALL	566330.46	4191554.22	3.13E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
611	ALL	566550.46	4191454.22	3.13E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
949	ALL	566170.46	4191594.22	3.13E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
950	ALL	566190.46	4191594.22	3.12E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1076	ALL	565830.46	4191654.22	3.12E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
707	ALL	566430.46	4191494.22	3.10E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
903	ALL	566270.46	4191574.22	3.10E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
734	ALL	565950.46	4191514.22	3.10E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
792	ALL	566090.46	4191534.22	3.09E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
658	ALL	566470.46	4191474.22	3.09E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
805	ALL	566350.46	4191534.22	3.08E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
984	ALL	565850.46	4191614.22	3.07E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
610	ALL	566530.46	4191454.22	3.04E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
706	ALL	566410.46	4191494.22	3.04E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
587	ALL	566070.46	4191454.22	3.04E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
705	ALL	566390.46	4191494.22	3.02E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
635	ALL	566010.46	4191474.22	3.00E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	3.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
902	ALL	566250.46	4191574.22	2.99E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
684	ALL	565970.46	4191494.22	2.98E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
833	ALL	565890.46	4191554.22	2.98E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

854	ALL	566310.46	4191554.22	2.97E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
704	ALL	566370.46	4191494.22	2.97E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
657	ALL	566450.46	4191474.22	2.97E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
741	ALL	566090.46	4191514.22	2.97E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
896	ALL	566130.46	4191574.22	2.96E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
609	ALL	566510.46	4191454.22	2.96E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
783	ALL	565910.46	4191534.22	2.96E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
883	ALL	565870.46	4191574.22	2.95E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
586	ALL	566050.46	4191454.22	2.94E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1034	ALL	565830.46	4191634.22	2.94E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
754	ALL	566350.46	4191514.22	2.92E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
588	ALL	566090.46	4191454.22	2.91E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
733	ALL	565930.46	4191514.22	2.90E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
608	ALL	566490.46	4191454.22	2.90E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1381	ALL	566587.99	4191437.55	2.89E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
901	ALL	566230.46	4191574.22	2.89E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
933	ALL	565850.46	4191594.22	2.88E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
844	ALL	566110.46	4191554.22	2.87E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
804	ALL	566330.46	4191534.22	2.87E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
656	ALL	566430.46	4191474.22	2.87E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
853	ALL	566290.46	4191554.22	2.86E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
690	ALL	566090.46	4191494.22	2.86E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
634	ALL	565990.46	4191474.22	2.85E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
897	ALL	566150.46	4191574.22	2.84E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
607	ALL	566470.46	4191454.22	2.83E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
900	ALL	566210.46	4191574.22	2.83E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
585	ALL	566030.46	4191454.22	2.82E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
703	ALL	566350.46	4191494.22	2.82E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
683	ALL	565950.46	4191494.22	2.81E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
561	ALL	566570.46	4191434.22	2.81E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537	ALL	566090.46	4191434.22	2.81E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1075	ALL	565810.46	4191654.22	2.80E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
898	ALL	566170.46	4191574.22	2.80E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
655	ALL	566410.46	4191474.22	2.80E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
639	ALL	566090.46	4191474.22	2.79E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
899	ALL	566190.46	4191574.22	2.79E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
983	ALL	565830.46	4191614.22	2.78E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
852	ALL	566270.46	4191554.22	2.77E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
560	ALL	566550.46	4191434.22	2.77E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
832	ALL	565870.46	4191554.22	2.76E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
654	ALL	566390.46	4191474.22	2.75E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
782	ALL	565890.46	4191534.22	2.75E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
606	ALL	566450.46	4191454.22	2.74E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
803	ALL	566310.46	4191534.22	2.73E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1382	ALL	566635.9	4191431.45	2.73E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
536	ALL	566070.46	4191434.22	2.72E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
732	ALL	565910.46	4191514.22	2.72E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
753	ALL	566330.46	4191514.22	2.72E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
653	ALL	566370.46	4191474.22	2.71E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
882	ALL	565850.46	4191574.22	2.71E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
793	ALL	566110.46	4191534.22	2.71E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
559	ALL	566530.46	4191434.22	2.71E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
633	ALL	565970.46	4191474.22	2.70E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
584	ALL	566010.46	4191454.22	2.69E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
851	ALL	566250.46	4191554.22	2.69E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492	ALL	566210.46	4191414.22	2.69E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538	ALL	566110.46	4191434.22	2.68E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1033	ALL	565810.46	4191634.22	2.66E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493	ALL	566230.46	4191414.22	2.65E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

652	ALL	566350.46	4191474.22	2.65E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
682	ALL	565930.46	4191494.22	2.65E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
605	ALL	566430.46	4191454.22	2.65E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
845	ALL	566130.46	4191554.22	2.65E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
802	ALL	566290.46	4191534.22	2.65E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
702	ALL	566330.46	4191494.22	2.64E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
558	ALL	566510.46	4191434.22	2.64E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
932	ALL	565830.46	4191594.22	2.64E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535	ALL	566050.46	4191434.22	2.63E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1387	ALL	566868.47	4191523.78	2.62E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
742	ALL	566110.46	4191514.22	2.62E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
850	ALL	566230.46	4191554.22	2.62E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	ALL	566190.46	4191414.22	2.62E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
801	ALL	566270.46	4191534.22	2.61E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1335	ALL	565810.46	4192174.22	2.59E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL	566110.46	4191414.22	2.59E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
604	ALL	566410.46	4191454.22	2.58E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
557	ALL	566490.46	4191434.22	2.58E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
752	ALL	566310.46	4191514.22	2.58E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1333	ALL	565770.46	4192174.22	2.57E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
849	ALL	566210.46	4191554.22	2.57E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
583	ALL	565990.46	4191454.22	2.57E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
781	ALL	565870.46	4191534.22	2.57E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
632	ALL	565950.46	4191474.22	2.57E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1334	ALL	565790.46	4192174.22	2.56E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
846	ALL	566150.46	4191554.22	2.56E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
691	ALL	566110.46	4191494.22	2.56E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
831	ALL	565850.46	4191554.22	2.55E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
848	ALL	566190.46	4191554.22	2.55E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
731	ALL	565890.46	4191514.22	2.55E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL	566210.46	4191394.22	2.55E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
847	ALL	566170.46	4191554.22	2.55E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
651	ALL	566330.46	4191474.22	2.54E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
982	ALL	565810.46	4191614.22	2.54E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545	ALL	566250.46	4191434.22	2.54E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1074	ALL	565790.46	4191654.22	2.53E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
556	ALL	566470.46	4191434.22	2.53E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544	ALL	566230.46	4191434.22	2.53E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1348	ALL	565810.46	4192194.22	2.53E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
603	ALL	566390.46	4191454.22	2.53E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534	ALL	566030.46	4191434.22	2.53E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1332	ALL	565750.46	4192174.22	2.53E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
800	ALL	566250.46	4191534.22	2.53E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL	566130.46	4191414.22	2.52E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL	566090.46	4191414.22	2.52E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
751	ALL	566290.46	4191514.22	2.51E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL	566190.46	4191394.22	2.51E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
701	ALL	566310.46	4191494.22	2.50E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL	566230.46	4191394.22	2.50E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
601	ALL	566350.46	4191454.22	2.50E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
640	ALL	566110.46	4191474.22	2.50E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
681	ALL	565910.46	4191494.22	2.50E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
750	ALL	566270.46	4191514.22	2.50E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
881	ALL	565830.46	4191574.22	2.50E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
555	ALL	566450.46	4191434.22	2.49E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
794	ALL	566130.46	4191534.22	2.48E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
602	ALL	566370.46	4191454.22	2.48E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
546	ALL	566270.46	4191434.22	2.48E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1347	ALL	565790.46	4192194.22	2.48E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

589	ALL	566110.46	4191454.22	2.48E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
600	ALL	566330.46	4191454.22	2.48E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL	566170.46	4191394.22	2.47E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494	ALL	566250.46	4191414.22	2.46E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
582	ALL	565970.46	4191454.22	2.45E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
799	ALL	566230.46	4191534.22	2.45E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
547	ALL	566290.46	4191434.22	2.45E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
548	ALL	566310.46	4191434.22	2.45E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
650	ALL	566310.46	4191474.22	2.44E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
596	ALL	566250.46	4191454.22	2.44E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1331	ALL	565730.46	4192174.22	2.44E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL	566070.46	4191414.22	2.44E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL	566150.46	4191394.22	2.43E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
599	ALL	566310.46	4191454.22	2.43E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
631	ALL	565930.46	4191474.22	2.43E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510	ALL	566570.46	4191414.22	2.43E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
549	ALL	566330.46	4191434.22	2.43E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
700	ALL	566290.46	4191494.22	2.43E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533	ALL	566010.46	4191434.22	2.43E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
554	ALL	566430.46	4191434.22	2.43E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1032	ALL	565790.46	4191634.22	2.43E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543	ALL	566210.46	4191434.22	2.43E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
931	ALL	565810.46	4191594.22	2.42E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
749	ALL	566250.46	4191514.22	2.42E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
699	ALL	566270.46	4191494.22	2.42E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1346	ALL	565770.46	4192194.22	2.41E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
798	ALL	566210.46	4191534.22	2.41E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
597	ALL	566270.46	4191454.22	2.40E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509	ALL	566550.46	4191414.22	2.40E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL	566130.46	4191394.22	2.40E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	ALL	566170.46	4191414.22	2.40E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
780	ALL	565850.46	4191534.22	2.39E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
598	ALL	566290.46	4191454.22	2.39E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
730	ALL	565870.46	4191514.22	2.39E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
795	ALL	566150.46	4191534.22	2.39E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
743	ALL	566130.46	4191514.22	2.39E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
797	ALL	566190.46	4191534.22	2.39E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
550	ALL	566350.46	4191434.22	2.39E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1330	ALL	565710.46	4192174.22	2.38E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
698	ALL	566250.46	4191494.22	2.38E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
796	ALL	566170.46	4191534.22	2.38E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1361	ALL	565810.46	4192214.22	2.38E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
553	ALL	566410.46	4191434.22	2.37E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
649	ALL	566290.46	4191474.22	2.37E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
647	ALL	566250.46	4191474.22	2.37E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
648	ALL	566270.46	4191474.22	2.37E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
495	ALL	566270.46	4191414.22	2.36E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
680	ALL	565890.46	4191494.22	2.36E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
830	ALL	565830.46	4191554.22	2.36E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508	ALL	566530.46	4191414.22	2.35E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL	566050.46	4191414.22	2.35E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
581	ALL	565950.46	4191454.22	2.35E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
552	ALL	566390.46	4191434.22	2.34E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
748	ALL	566230.46	4191514.22	2.34E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
595	ALL	566230.46	4191454.22	2.34E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL	566110.46	4191394.22	2.34E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
692	ALL	566130.46	4191494.22	2.34E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1329	ALL	565690.46	4192174.22	2.34E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
532	ALL	565990.46	4191434.22	2.33E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

551	ALL	566370.46	4191434.22	2.33E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL	566150.46	4191414.22	2.33E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
981	ALL	565790.46	4191614.22	2.33E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL	566210.46	4191374.22	2.32E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
496	ALL	566290.46	4191414.22	2.32E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1383	ALL	566616.73	4191406.19	2.31E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1345	ALL	565750.46	4192194.22	2.31E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
880	ALL	565810.46	4191574.22	2.31E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
630	ALL	565910.46	4191474.22	2.30E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1073	ALL	565770.46	4191654.22	2.30E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
539	ALL	566130.46	4191434.22	2.29E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507	ALL	566510.46	4191414.22	2.29E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
641	ALL	566130.46	4191474.22	2.29E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL	566310.46	4191414.22	2.29E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1360	ALL	565790.46	4192214.22	2.29E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
747	ALL	566210.46	4191514.22	2.29E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL	566250.46	4191394.22	2.28E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
697	ALL	566230.46	4191494.22	2.28E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL	566190.46	4191374.22	2.28E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
744	ALL	566150.46	4191514.22	2.28E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542	ALL	566190.46	4191434.22	2.28E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	ALL	566030.46	4191414.22	2.27E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL	566230.46	4191374.22	2.27E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
746	ALL	566190.46	4191514.22	2.26E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
646	ALL	566230.46	4191474.22	2.26E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL	566090.46	4191394.22	2.26E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1292	ALL	565710.46	4192034.22	2.26E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
590	ALL	566130.46	4191454.22	2.25E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
745	ALL	566170.46	4191514.22	2.25E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1284	ALL	565710.46	4192014.22	2.25E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	ALL	566330.46	4191414.22	2.25E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
729	ALL	565850.46	4191514.22	2.24E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL	566170.46	4191374.22	2.24E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL	565970.46	4191434.22	2.24E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1344	ALL	565730.46	4192194.22	2.24E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
580	ALL	565930.46	4191454.22	2.24E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1276	ALL	565710.46	4191994.22	2.23E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506	ALL	566490.46	4191414.22	2.23E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
930	ALL	565790.46	4191594.22	2.23E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
679	ALL	565870.46	4191494.22	2.23E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
779	ALL	565830.46	4191534.22	2.22E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
594	ALL	566210.46	4191454.22	2.22E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1031	ALL	565770.46	4191634.22	2.22E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1374	ALL	565810.46	4192234.22	2.21E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
693	ALL	566150.46	4191494.22	2.21E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1268	ALL	565710.46	4191974.22	2.21E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL	566150.46	4191374.22	2.21E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
696	ALL	566210.46	4191494.22	2.21E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL	566010.46	4191414.22	2.20E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1260	ALL	565710.46	4191954.22	2.19E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499	ALL	566350.46	4191414.22	2.19E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
829	ALL	565810.46	4191554.22	2.19E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1359	ALL	565770.46	4192214.22	2.19E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
629	ALL	565890.46	4191474.22	2.19E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1252	ALL	565710.46	4191934.22	2.19E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
505	ALL	566470.46	4191414.22	2.18E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1343	ALL	565710.46	4192194.22	2.18E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL	566070.46	4191394.22	2.18E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1244	ALL	565710.46	4191914.22	2.18E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

645	ALL	566210.46	4191474.22	2.17E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504	ALL	566450.46	4191414.22	2.17E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1342	ALL	565690.46	4192194.22	2.17E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL	566270.46	4191394.22	2.17E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
695	ALL	566190.46	4191494.22	2.17E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1236	ALL	565710.46	4191894.22	2.17E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
541	ALL	566170.46	4191434.22	2.16E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL	566130.46	4191374.22	2.16E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	ALL	566150.46	4191434.22	2.16E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
694	ALL	566170.46	4191494.22	2.16E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
503	ALL	566430.46	4191414.22	2.15E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
642	ALL	566150.46	4191474.22	2.15E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530	ALL	565950.46	4191434.22	2.15E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1228	ALL	565710.46	4191874.22	2.15E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1341	ALL	565670.46	4192194.22	2.15E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500	ALL	566370.46	4191414.22	2.14E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	ALL	566410.46	4191414.22	2.14E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
980	ALL	565770.46	4191614.22	2.14E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
879	ALL	565790.46	4191574.22	2.13E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
579	ALL	565910.46	4191454.22	2.13E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	ALL	566390.46	4191414.22	2.13E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1220	ALL	565710.46	4191854.22	2.13E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
593	ALL	566190.46	4191454.22	2.12E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	ALL	565990.46	4191414.22	2.12E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL	566210.46	4191354.22	2.12E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1373	ALL	565790.46	4192234.22	2.12E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL	566050.46	4191394.22	2.12E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
591	ALL	566150.46	4191454.22	2.12E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL	566290.46	4191394.22	2.12E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1212	ALL	565710.46	4191834.22	2.11E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
644	ALL	566190.46	4191474.22	2.11E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL	566570.46	4191394.22	2.10E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL	566250.46	4191374.22	2.10E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1072	ALL	565750.46	4191654.22	2.10E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL	566110.46	4191374.22	2.10E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
678	ALL	565850.46	4191494.22	2.10E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
643	ALL	566170.46	4191474.22	2.09E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1358	ALL	565750.46	4192214.22	2.09E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
728	ALL	565830.46	4191514.22	2.09E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL	566230.46	4191354.22	2.09E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1204	ALL	565710.46	4191814.22	2.09E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL	566190.46	4191354.22	2.08E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1146	ALL	565730.46	4191714.22	2.08E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	ALL	566550.46	4191394.22	2.08E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
592	ALL	566170.46	4191454.22	2.08E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL	566310.46	4191394.22	2.07E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
778	ALL	565810.46	4191534.22	2.07E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
628	ALL	565870.46	4191474.22	2.07E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1340	ALL	565650.46	4192194.22	2.07E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1299	ALL	565690.46	4192054.22	2.06E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1196	ALL	565710.46	4191794.22	2.06E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL	566030.46	4191394.22	2.06E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529	ALL	565930.46	4191434.22	2.06E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1291	ALL	565690.46	4192034.22	2.06E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1306	ALL	565690.46	4192074.22	2.06E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
929	ALL	565770.46	4191594.22	2.05E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1283	ALL	565690.46	4192014.22	2.05E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL	565970.46	4191414.22	2.05E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL	566170.46	4191354.22	2.04E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

457	ALL	566530.46	4191394.22	2.04E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1275	ALL	565690.46	4191994.22	2.03E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1357	ALL	565730.46	4192214.22	2.03E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
828	ALL	565790.46	4191554.22	2.03E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
578	ALL	565890.46	4191454.22	2.03E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1030	ALL	565750.46	4191634.22	2.03E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL	566090.46	4191374.22	2.03E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1125	ALL	565730.46	4191694.22	2.03E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1372	ALL	565770.46	4192234.22	2.03E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL	566330.46	4191394.22	2.02E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1186	ALL	565710.46	4191774.22	2.02E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1267	ALL	565690.46	4191974.22	2.01E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1388	ALL	566871.96	4191416.64	2.01E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL	566150.46	4191354.22	2.00E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL	566010.46	4191394.22	2.00E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1259	ALL	565690.46	4191954.22	2.00E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1356	ALL	565710.46	4192214.22	2.00E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1251	ALL	565690.46	4191934.22	1.99E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1243	ALL	565690.46	4191914.22	1.98E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL	566270.46	4191374.22	1.98E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL	566510.46	4191394.22	1.98E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1174	ALL	565710.46	4191754.22	1.98E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	ALL	565950.46	4191414.22	1.98E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1101	ALL	565730.46	4191674.22	1.97E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL	566350.46	4191394.22	1.97E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1355	ALL	565690.46	4192214.22	1.97E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
878	ALL	565770.46	4191574.22	1.97E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	ALL	566070.46	4191374.22	1.97E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1353	ALL	565650.46	4192214.22	1.97E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528	ALL	565910.46	4191434.22	1.97E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1235	ALL	565690.46	4191894.22	1.97E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1354	ALL	565670.46	4192214.22	1.97E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
677	ALL	565830.46	4191494.22	1.97E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL	566250.46	4191354.22	1.96E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
727	ALL	565810.46	4191514.22	1.96E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
979	ALL	565750.46	4191614.22	1.96E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
627	ALL	565850.46	4191474.22	1.96E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	ALL	566130.46	4191354.22	1.96E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1227	ALL	565690.46	4191874.22	1.95E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL	566230.46	4191334.22	1.95E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1371	ALL	565750.46	4192234.22	1.95E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL	566210.46	4191334.22	1.95E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL	565990.46	4191394.22	1.94E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1161	ALL	565710.46	4191734.22	1.94E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	ALL	566370.46	4191394.22	1.94E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1219	ALL	565690.46	4191854.22	1.94E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
777	ALL	565790.46	4191534.22	1.93E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
577	ALL	565870.46	4191454.22	1.93E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1211	ALL	565690.46	4191834.22	1.93E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL	566290.46	4191374.22	1.93E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL	566050.46	4191374.22	1.92E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1071	ALL	565730.46	4191654.22	1.92E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1352	ALL	565630.46	4192214.22	1.92E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
455	ALL	566490.46	4191394.22	1.92E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	ALL	566190.46	4191334.22	1.92E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1203	ALL	565690.46	4191814.22	1.91E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL	566390.46	4191394.22	1.91E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1384	ALL	566600.18	4191377.44	1.91E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL	566110.46	4191354.22	1.90E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

478	ALL	565930.46	4191414.22	1.90E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1145	ALL	565710.46	4191714.22	1.90E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	ALL	566410.46	4191394.22	1.90E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
928	ALL	565750.46	4191594.22	1.89E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1298	ALL	565670.46	4192054.22	1.89E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1370	ALL	565730.46	4192234.22	1.89E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1290	ALL	565670.46	4192034.22	1.89E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1305	ALL	565670.46	4192074.22	1.89E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
827	ALL	565770.46	4191554.22	1.89E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1195	ALL	565690.46	4191794.22	1.88E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
527	ALL	565890.46	4191434.22	1.88E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1282	ALL	565670.46	4192014.22	1.88E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL	566170.46	4191334.22	1.88E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL	565970.46	4191394.22	1.88E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL	566310.46	4191374.22	1.88E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL	566430.46	4191394.22	1.88E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL	566030.46	4191374.22	1.87E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL	566470.46	4191394.22	1.87E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL	566450.46	4191394.22	1.87E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1274	ALL	565670.46	4191994.22	1.86E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1029	ALL	565730.46	4191634.22	1.86E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1369	ALL	565710.46	4192234.22	1.86E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1124	ALL	565710.46	4191694.22	1.85E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
676	ALL	565810.46	4191494.22	1.85E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1185	ALL	565690.46	4191774.22	1.85E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
626	ALL	565830.46	4191474.22	1.85E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1339	ALL	565630.46	4192194.22	1.85E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL	566250.46	4191334.22	1.85E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL	566570.46	4191374.22	1.84E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL	566090.46	4191354.22	1.84E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1266	ALL	565670.46	4191974.22	1.84E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1365	ALL	565630.46	4192234.22	1.84E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL	566150.46	4191334.22	1.84E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
726	ALL	565790.46	4191514.22	1.84E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1258	ALL	565670.46	4191954.22	1.83E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
576	ALL	565850.46	4191454.22	1.83E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL	566010.46	4191374.22	1.83E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
877	ALL	565750.46	4191574.22	1.83E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1368	ALL	565690.46	4192234.22	1.82E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL	565910.46	4191414.22	1.82E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1366	ALL	565650.46	4192234.22	1.82E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL	565950.46	4191394.22	1.82E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1250	ALL	565670.46	4191934.22	1.82E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	ALL	566330.46	4191374.22	1.82E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL	566550.46	4191374.22	1.82E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1173	ALL	565690.46	4191754.22	1.81E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100	ALL	565710.46	4191674.22	1.81E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1242	ALL	565670.46	4191914.22	1.81E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL	566230.46	4191314.22	1.81E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1367	ALL	565670.46	4192234.22	1.81E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL	566270.46	4191354.22	1.80E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
978	ALL	565730.46	4191614.22	1.80E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
776	ALL	565770.46	4191534.22	1.80E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526	ALL	565870.46	4191434.22	1.80E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL	566070.46	4191354.22	1.80E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1234	ALL	565670.46	4191894.22	1.80E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL	566210.46	4191314.22	1.79E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL	566130.46	4191334.22	1.79E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1364	ALL	565610.46	4192234.22	1.79E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1389	ALL	566934.68	4191400.96	1.78E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1226	ALL	565670.46	4191874.22	1.78E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL	565990.46	4191374.22	1.78E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1160	ALL	565690.46	4191734.22	1.78E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	ALL	566530.46	4191374.22	1.77E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1218	ALL	565670.46	4191854.22	1.77E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL	566190.46	4191314.22	1.76E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1070	ALL	565710.46	4191654.22	1.76E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1210	ALL	565670.46	4191834.22	1.76E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL	565930.46	4191394.22	1.76E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
826	ALL	565750.46	4191554.22	1.76E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL	566350.46	4191374.22	1.75E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL	566050.46	4191354.22	1.75E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL	565890.46	4191414.22	1.75E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
927	ALL	565730.46	4191594.22	1.75E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
625	ALL	565810.46	4191474.22	1.75E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1297	ALL	565650.46	4192054.22	1.75E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1202	ALL	565670.46	4191814.22	1.75E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1289	ALL	565650.46	4192034.22	1.75E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL	566110.46	4191334.22	1.74E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1304	ALL	565650.46	4192074.22	1.74E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
675	ALL	565790.46	4191494.22	1.74E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1144	ALL	565690.46	4191714.22	1.74E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL	566290.46	4191354.22	1.74E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
575	ALL	565830.46	4191454.22	1.73E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1281	ALL	565650.46	4192014.22	1.73E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL	566170.46	4191314.22	1.73E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1311	ALL	565650.46	4192094.22	1.73E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL	565970.46	4191374.22	1.73E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1194	ALL	565670.46	4191794.22	1.72E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
725	ALL	565770.46	4191514.22	1.72E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1273	ALL	565650.46	4191994.22	1.72E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1316	ALL	565650.46	4192114.22	1.72E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL	566030.46	4191354.22	1.71E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525	ALL	565850.46	4191434.22	1.71E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1028	ALL	565710.46	4191634.22	1.71E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL	566510.46	4191374.22	1.71E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1351	ALL	565610.46	4192214.22	1.71E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL	566370.46	4191374.22	1.71E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1123	ALL	565690.46	4191694.22	1.70E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1265	ALL	565650.46	4191974.22	1.70E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	ALL	566150.46	4191314.22	1.70E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL	566090.46	4191334.22	1.70E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1184	ALL	565670.46	4191774.22	1.70E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
876	ALL	565730.46	4191574.22	1.69E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL	565910.46	4191394.22	1.69E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	ALL	566250.46	4191314.22	1.69E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
775	ALL	565750.46	4191534.22	1.68E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1257	ALL	565650.46	4191954.22	1.68E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL	566310.46	4191354.22	1.68E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL	565950.46	4191374.22	1.68E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL	565870.46	4191414.22	1.68E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL	566230.46	4191294.22	1.68E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL	566010.46	4191354.22	1.67E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1249	ALL	565650.46	4191934.22	1.67E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL	566390.46	4191374.22	1.67E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1172	ALL	565670.46	4191754.22	1.67E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1099	ALL	565690.46	4191674.22	1.66E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
977	ALL	565710.46	4191614.22	1.66E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

186	ALL	566210.46	4191294.22	1.65E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1241	ALL	565650.46	4191914.22	1.65E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL	566130.46	4191314.22	1.65E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
624	ALL	565790.46	4191474.22	1.65E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL	566070.46	4191334.22	1.65E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
574	ALL	565810.46	4191454.22	1.65E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL	566490.46	4191374.22	1.64E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1233	ALL	565650.46	4191894.22	1.64E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL	566270.46	4191334.22	1.64E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
674	ALL	565770.46	4191494.22	1.64E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL	565990.46	4191354.22	1.64E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
825	ALL	565730.46	4191554.22	1.63E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL	566410.46	4191374.22	1.63E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1159	ALL	565670.46	4191734.22	1.63E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL	566570.46	4191354.22	1.63E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524	ALL	565830.46	4191434.22	1.63E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1225	ALL	565650.46	4191874.22	1.63E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL	565890.46	4191394.22	1.63E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL	566190.46	4191294.22	1.63E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL	565930.46	4191374.22	1.63E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1069	ALL	565690.46	4191654.22	1.62E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL	566330.46	4191354.22	1.62E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1217	ALL	565650.46	4191854.22	1.62E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1296	ALL	565630.46	4192054.22	1.62E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
926	ALL	565710.46	4191594.22	1.62E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1288	ALL	565630.46	4192034.22	1.62E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
724	ALL	565750.46	4191514.22	1.61E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL	566110.46	4191314.22	1.61E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1303	ALL	565630.46	4192074.22	1.61E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1209	ALL	565650.46	4191834.22	1.61E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL	566050.46	4191334.22	1.61E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL	566430.46	4191374.22	1.61E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL	565850.46	4191414.22	1.60E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1280	ALL	565630.46	4192014.22	1.60E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1310	ALL	565630.46	4192094.22	1.60E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL	566170.46	4191294.22	1.60E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1143	ALL	565670.46	4191714.22	1.60E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL	566470.46	4191374.22	1.60E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1201	ALL	565650.46	4191814.22	1.60E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL	566550.46	4191354.22	1.60E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL	565970.46	4191354.22	1.60E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL	566450.46	4191374.22	1.59E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1315	ALL	565630.46	4192114.22	1.59E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1272	ALL	565630.46	4191994.22	1.59E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1027	ALL	565690.46	4191634.22	1.58E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1193	ALL	565650.46	4191794.22	1.58E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL	566030.46	4191334.22	1.58E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1320	ALL	565630.46	4192134.22	1.57E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
774	ALL	565730.46	4191534.22	1.57E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL	565910.46	4191374.22	1.57E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL	566090.46	4191314.22	1.57E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
875	ALL	565710.46	4191574.22	1.57E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL	566150.46	4191294.22	1.57E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1122	ALL	565670.46	4191694.22	1.57E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL	565870.46	4191394.22	1.57E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1264	ALL	565630.46	4191974.22	1.57E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL	566250.46	4191294.22	1.56E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
573	ALL	565790.46	4191454.22	1.56E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL	566290.46	4191334.22	1.56E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

623	ALL	565770.46	4191474.22	1.56E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1324	ALL	565630.46	4192154.22	1.56E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL	566350.46	4191354.22	1.56E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1183	ALL	565650.46	4191774.22	1.56E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	ALL	566230.46	4191274.22	1.55E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL	565950.46	4191354.22	1.55E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523	ALL	565810.46	4191434.22	1.55E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1256	ALL	565630.46	4191954.22	1.55E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL	566530.46	4191354.22	1.55E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
673	ALL	565750.46	4191494.22	1.54E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL	566010.46	4191334.22	1.54E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
976	ALL	565690.46	4191614.22	1.54E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1248	ALL	565630.46	4191934.22	1.53E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL	566210.46	4191274.22	1.53E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1098	ALL	565670.46	4191674.22	1.53E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL	565830.46	4191414.22	1.53E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1171	ALL	565650.46	4191754.22	1.53E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
182	ALL	566130.46	4191294.22	1.53E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL	566070.46	4191314.22	1.53E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
824	ALL	565710.46	4191554.22	1.52E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1240	ALL	565630.46	4191914.22	1.52E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1328	ALL	565630.46	4192174.22	1.52E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL	565890.46	4191374.22	1.52E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
723	ALL	565730.46	4191514.22	1.51E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL	566370.46	4191354.22	1.51E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1363	ALL	565590.46	4192234.22	1.51E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL	565990.46	4191334.22	1.51E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL	565930.46	4191354.22	1.51E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL	566190.46	4191274.22	1.51E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1232	ALL	565630.46	4191894.22	1.51E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1158	ALL	565650.46	4191734.22	1.51E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL	565850.46	4191394.22	1.50E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
925	ALL	565690.46	4191594.22	1.50E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1068	ALL	565670.46	4191654.22	1.50E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1224	ALL	565630.46	4191874.22	1.50E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	ALL	566110.46	4191294.22	1.49E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL	566510.46	4191354.22	1.49E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	ALL	566310.46	4191334.22	1.49E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL	566050.46	4191314.22	1.49E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1216	ALL	565630.46	4191854.22	1.49E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL	566170.46	4191274.22	1.48E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1309	ALL	565610.46	4192094.22	1.48E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
572	ALL	565770.46	4191454.22	1.48E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL	566270.46	4191314.22	1.48E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522	ALL	565790.46	4191434.22	1.48E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1302	ALL	565610.46	4192074.22	1.48E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1142	ALL	565650.46	4191714.22	1.48E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1295	ALL	565610.46	4192054.22	1.48E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL	565970.46	4191334.22	1.48E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1287	ALL	565610.46	4192034.22	1.48E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1314	ALL	565610.46	4192114.22	1.48E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1386	ALL	566669	4191327.79	1.48E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1208	ALL	565630.46	4191834.22	1.48E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1279	ALL	565610.46	4192014.22	1.47E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
622	ALL	565750.46	4191474.22	1.47E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
773	ALL	565710.46	4191534.22	1.47E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL	566390.46	4191354.22	1.47E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1271	ALL	565610.46	4191994.22	1.46E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL	565810.46	4191414.22	1.46E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

373	ALL	565870.46	4191374.22	1.46E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1319	ALL	565610.46	4192134.22	1.46E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1026	ALL	565670.46	4191634.22	1.46E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200	ALL	565630.46	4191814.22	1.46E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL	565910.46	4191354.22	1.46E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
874	ALL	565690.46	4191574.22	1.46E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL	566090.46	4191294.22	1.46E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL	566250.46	4191274.22	1.46E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL	566030.46	4191314.22	1.46E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL	566150.46	4191274.22	1.45E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
672	ALL	565730.46	4191494.22	1.45E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1323	ALL	565610.46	4192154.22	1.45E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL	566570.46	4191334.22	1.45E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1263	ALL	565610.46	4191974.22	1.45E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1192	ALL	565630.46	4191794.22	1.45E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1121	ALL	565650.46	4191694.22	1.45E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL	566230.46	4191254.22	1.45E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL	566490.46	4191354.22	1.44E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL	565950.46	4191334.22	1.44E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL	566410.46	4191354.22	1.44E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL	565830.46	4191394.22	1.44E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1327	ALL	565610.46	4192174.22	1.44E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL	566330.46	4191334.22	1.43E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1182	ALL	565630.46	4191774.22	1.43E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1255	ALL	565610.46	4191954.22	1.43E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
975	ALL	565670.46	4191614.22	1.43E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL	566010.46	4191314.22	1.43E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL	566210.46	4191254.22	1.43E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	ALL	566070.46	4191294.22	1.42E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL	566130.46	4191274.22	1.42E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1097	ALL	565650.46	4191674.22	1.42E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
722	ALL	565710.46	4191514.22	1.42E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
823	ALL	565690.46	4191554.22	1.42E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL	565890.46	4191354.22	1.42E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL	566430.46	4191354.22	1.42E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1247	ALL	565610.46	4191934.22	1.41E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1170	ALL	565630.46	4191754.22	1.41E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL	566550.46	4191334.22	1.41E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL	566250.46	4191254.22	1.41E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL	565850.46	4191374.22	1.41E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521	ALL	565770.46	4191434.22	1.41E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
571	ALL	565750.46	4191454.22	1.41E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1338	ALL	565610.46	4192194.22	1.40E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL	565930.46	4191334.22	1.40E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL	566190.46	4191254.22	1.40E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	ALL	566470.46	4191354.22	1.40E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL	566290.46	4191314.22	1.40E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL	565790.46	4191414.22	1.40E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1239	ALL	565610.46	4191914.22	1.40E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	ALL	566450.46	4191354.22	1.40E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	ALL	565990.46	4191314.22	1.40E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
924	ALL	565670.46	4191594.22	1.39E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1157	ALL	565630.46	4191734.22	1.39E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
621	ALL	565730.46	4191474.22	1.39E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1067	ALL	565650.46	4191654.22	1.39E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1231	ALL	565610.46	4191894.22	1.39E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL	566110.46	4191274.22	1.39E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL	566050.46	4191294.22	1.39E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL	566350.46	4191334.22	1.38E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

421	ALL	565810.46	4191394.22	1.38E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1223	ALL	565610.46	4191874.22	1.38E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL	566170.46	4191254.22	1.38E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1308	ALL	565590.46	4192094.22	1.38E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
772	ALL	565690.46	4191534.22	1.38E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1215	ALL	565610.46	4191854.22	1.37E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1313	ALL	565590.46	4192114.22	1.37E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL	565870.46	4191354.22	1.37E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL	565970.46	4191314.22	1.37E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1141	ALL	565630.46	4191714.22	1.37E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL	566530.46	4191334.22	1.37E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
671	ALL	565710.46	4191494.22	1.37E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1207	ALL	565610.46	4191834.22	1.37E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1385	ALL	566633.29	4191315.6	1.36E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1301	ALL	565590.46	4192074.22	1.36E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL	566270.46	4191294.22	1.36E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
273	ALL	565910.46	4191334.22	1.36E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1318	ALL	565590.46	4192134.22	1.36E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1025	ALL	565650.46	4191634.22	1.36E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
873	ALL	565670.46	4191574.22	1.36E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1278	ALL	565590.46	4192014.22	1.36E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL	566090.46	4191274.22	1.36E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1294	ALL	565590.46	4192054.22	1.36E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1286	ALL	565590.46	4192034.22	1.36E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL	565830.46	4191374.22	1.35E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1199	ALL	565610.46	4191814.22	1.35E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL	566030.46	4191294.22	1.35E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1270	ALL	565590.46	4191994.22	1.35E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1322	ALL	565590.46	4192154.22	1.35E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL	566150.46	4191254.22	1.35E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL	566230.46	4191234.22	1.35E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL	566370.46	4191334.22	1.34E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1120	ALL	565630.46	4191694.22	1.34E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1191	ALL	565610.46	4191794.22	1.34E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	ALL	565750.46	4191434.22	1.34E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL	565950.46	4191314.22	1.34E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1262	ALL	565590.46	4191974.22	1.34E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1326	ALL	565590.46	4192174.22	1.34E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL	566250.46	4191234.22	1.34E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	ALL	565770.46	4191414.22	1.34E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
570	ALL	565730.46	4191454.22	1.33E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
974	ALL	565650.46	4191614.22	1.33E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
721	ALL	565690.46	4191514.22	1.33E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL	566310.46	4191314.22	1.33E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL	566210.46	4191234.22	1.33E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1181	ALL	565610.46	4191774.22	1.33E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL	566070.46	4191274.22	1.33E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1337	ALL	565590.46	4192194.22	1.33E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL	565790.46	4191394.22	1.32E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
822	ALL	565670.46	4191554.22	1.32E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL	566010.46	4191294.22	1.32E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL	565890.46	4191334.22	1.32E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL	565850.46	4191354.22	1.32E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1254	ALL	565590.46	4191954.22	1.32E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	ALL	566510.46	4191334.22	1.32E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL	566130.46	4191254.22	1.32E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1096	ALL	565630.46	4191674.22	1.32E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
620	ALL	565710.46	4191474.22	1.31E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1169	ALL	565610.46	4191754.22	1.31E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

223	ALL	565930.46	4191314.22	1.31E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1246	ALL	565590.46	4191934.22	1.31E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL	566190.46	4191234.22	1.31E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	ALL	566390.46	4191334.22	1.30E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL	565810.46	4191374.22	1.30E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1350	ALL	565590.46	4192214.22	1.30E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
923	ALL	565650.46	4191594.22	1.30E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	ALL	565990.46	4191294.22	1.30E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL	566050.46	4191274.22	1.30E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1156	ALL	565610.46	4191734.22	1.29E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1066	ALL	565630.46	4191654.22	1.29E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL	566110.46	4191254.22	1.29E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1238	ALL	565590.46	4191914.22	1.29E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
771	ALL	565670.46	4191534.22	1.29E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL	566570.46	4191314.22	1.29E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL	566290.46	4191294.22	1.29E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
670	ALL	565690.46	4191494.22	1.28E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1230	ALL	565590.46	4191894.22	1.28E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	ALL	565870.46	4191334.22	1.28E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL	566410.46	4191334.22	1.28E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL	566490.46	4191334.22	1.28E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL	566170.46	4191234.22	1.28E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1307	ALL	565570.46	4192094.22	1.28E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1222	ALL	565590.46	4191874.22	1.28E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL	565750.46	4191414.22	1.28E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1312	ALL	565570.46	4192114.22	1.28E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL	565830.46	4191354.22	1.28E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	ALL	565730.46	4191434.22	1.27E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL	565970.46	4191294.22	1.27E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL	566270.46	4191274.22	1.27E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL	565910.46	4191314.22	1.27E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1140	ALL	565610.46	4191714.22	1.27E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1214	ALL	565590.46	4191854.22	1.27E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
872	ALL	565650.46	4191574.22	1.27E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL	565770.46	4191394.22	1.27E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1024	ALL	565630.46	4191634.22	1.27E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1317	ALL	565570.46	4192134.22	1.27E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300	ALL	565570.46	4192074.22	1.27E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL	566090.46	4191254.22	1.27E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL	566330.46	4191314.22	1.26E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL	566430.46	4191334.22	1.26E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1206	ALL	565590.46	4191834.22	1.26E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
569	ALL	565710.46	4191454.22	1.26E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL	566030.46	4191274.22	1.26E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1293	ALL	565570.46	4192054.22	1.26E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1285	ALL	565570.46	4192034.22	1.26E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1277	ALL	565570.46	4192014.22	1.26E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1321	ALL	565570.46	4192154.22	1.26E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL	565790.46	4191374.22	1.25E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL	566150.46	4191234.22	1.25E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1198	ALL	565590.46	4191814.22	1.25E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1269	ALL	565570.46	4191994.22	1.25E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
720	ALL	565670.46	4191514.22	1.25E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL	566470.46	4191334.22	1.25E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL	566450.46	4191334.22	1.25E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL	566550.46	4191314.22	1.25E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1119	ALL	565610.46	4191694.22	1.25E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1325	ALL	565570.46	4192174.22	1.25E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL	565950.46	4191294.22	1.25E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

270	ALL	565850.46	4191334.22	1.24E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
973	ALL	565630.46	4191614.22	1.24E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1190	ALL	565590.46	4191794.22	1.24E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1336	ALL	565570.46	4192194.22	1.24E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
619	ALL	565690.46	4191474.22	1.24E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
821	ALL	565650.46	4191554.22	1.24E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL	565890.46	4191314.22	1.24E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1261	ALL	565570.46	4191974.22	1.24E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL	566070.46	4191254.22	1.24E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL	566010.46	4191274.22	1.24E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1180	ALL	565590.46	4191774.22	1.23E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1349	ALL	565570.46	4192214.22	1.23E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL	565810.46	4191354.22	1.23E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL	566130.46	4191234.22	1.23E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1095	ALL	565610.46	4191674.22	1.23E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1253	ALL	565570.46	4191954.22	1.22E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL	566270.46	4191254.22	1.22E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL	565930.46	4191294.22	1.22E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1168	ALL	565590.46	4191754.22	1.22E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL	565730.46	4191414.22	1.22E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
922	ALL	565630.46	4191594.22	1.22E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL	565750.46	4191394.22	1.22E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	ALL	565710.46	4191434.22	1.21E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL	565990.46	4191274.22	1.21E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL	566530.46	4191314.22	1.21E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL	566050.46	4191254.22	1.21E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1362	ALL	565570.46	4192234.22	1.21E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
669	ALL	565670.46	4191494.22	1.21E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	ALL	566310.46	4191294.22	1.21E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL	566350.46	4191314.22	1.21E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1245	ALL	565570.46	4191934.22	1.21E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
770	ALL	565650.46	4191534.22	1.21E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1065	ALL	565610.46	4191654.22	1.21E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL	565770.46	4191374.22	1.21E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL	566110.46	4191234.22	1.20E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL	565870.46	4191314.22	1.20E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	ALL	565830.46	4191334.22	1.20E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL	566290.46	4191274.22	1.20E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1155	ALL	565590.46	4191734.22	1.20E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1237	ALL	565570.46	4191914.22	1.20E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
568	ALL	565690.46	4191454.22	1.20E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL	565910.46	4191294.22	1.19E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1229	ALL	565570.46	4191894.22	1.19E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL	566270.46	4191234.22	1.19E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
871	ALL	565630.46	4191574.22	1.19E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL	565970.46	4191274.22	1.19E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL	565790.46	4191354.22	1.19E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1023	ALL	565610.46	4191634.22	1.18E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1221	ALL	565570.46	4191874.22	1.18E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1139	ALL	565590.46	4191714.22	1.18E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL	566030.46	4191254.22	1.18E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL	566090.46	4191234.22	1.18E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1213	ALL	565570.46	4191854.22	1.18E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL	566510.46	4191314.22	1.18E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
719	ALL	565650.46	4191514.22	1.18E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL	566370.46	4191314.22	1.17E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1205	ALL	565570.46	4191834.22	1.17E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
618	ALL	565670.46	4191474.22	1.17E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL	565850.46	4191314.22	1.17E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1197	ALL	565570.46	4191814.22	1.17E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1118	ALL	565590.46	4191694.22	1.16E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL	565950.46	4191274.22	1.16E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
972	ALL	565610.46	4191614.22	1.16E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL	565810.46	4191334.22	1.16E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL	565730.46	4191394.22	1.16E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
820	ALL	565630.46	4191554.22	1.16E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL	565890.46	4191294.22	1.16E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL	565710.46	4191414.22	1.16E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL	566070.46	4191234.22	1.16E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL	565750.46	4191374.22	1.16E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL	566010.46	4191254.22	1.16E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1189	ALL	565570.46	4191794.22	1.16E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL	566490.46	4191314.22	1.15E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517	ALL	565690.46	4191434.22	1.15E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL	566570.46	4191294.22	1.15E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1094	ALL	565590.46	4191674.22	1.14E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1179	ALL	565570.46	4191774.22	1.14E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL	565770.46	4191354.22	1.14E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL	566290.46	4191254.22	1.14E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL	566390.46	4191314.22	1.14E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
668	ALL	565650.46	4191494.22	1.14E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL	565930.46	4191274.22	1.14E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
921	ALL	565610.46	4191594.22	1.14E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL	566330.46	4191294.22	1.14E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL	565830.46	4191314.22	1.13E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
769	ALL	565630.46	4191534.22	1.13E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL	565990.46	4191254.22	1.13E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL	566050.46	4191234.22	1.13E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1167	ALL	565570.46	4191754.22	1.13E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL	565870.46	4191294.22	1.13E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
567	ALL	565670.46	4191454.22	1.13E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1064	ALL	565590.46	4191654.22	1.13E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL	565790.46	4191334.22	1.12E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL	566470.46	4191314.22	1.12E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL	566410.46	4191314.22	1.12E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL	566310.46	4191274.22	1.12E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1154	ALL	565570.46	4191734.22	1.12E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL	565910.46	4191274.22	1.12E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
870	ALL	565610.46	4191574.22	1.11E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL	566430.46	4191314.22	1.11E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL	566450.46	4191314.22	1.11E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL	565970.46	4191254.22	1.11E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL	566550.46	4191294.22	1.11E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL	565710.46	4191394.22	1.11E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL	565730.46	4191374.22	1.11E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL	566030.46	4191234.22	1.11E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1022	ALL	565590.46	4191634.22	1.11E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
718	ALL	565630.46	4191514.22	1.11E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL	565690.46	4191414.22	1.11E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
617	ALL	565650.46	4191474.22	1.11E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1138	ALL	565570.46	4191714.22	1.10E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL	565850.46	4191294.22	1.10E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	ALL	565750.46	4191354.22	1.10E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL	565810.46	4191314.22	1.10E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL	566290.46	4191234.22	1.10E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
819	ALL	565610.46	4191554.22	1.09E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516	ALL	565670.46	4191434.22	1.09E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL	565890.46	4191274.22	1.09E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

71	ALL	565950.46	4191254.22	1.09E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
971	ALL	565590.46	4191614.22	1.09E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1117	ALL	565570.46	4191694.22	1.09E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL	565770.46	4191334.22	1.09E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL	566010.46	4191234.22	1.08E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL	566350.46	4191294.22	1.08E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL	566530.46	4191294.22	1.08E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
667	ALL	565630.46	4191494.22	1.08E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL	565830.46	4191294.22	1.07E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1093	ALL	565570.46	4191674.22	1.07E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
566	ALL	565650.46	4191454.22	1.07E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
920	ALL	565590.46	4191594.22	1.07E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL	565930.46	4191254.22	1.07E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
768	ALL	565610.46	4191534.22	1.07E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL	565790.46	4191314.22	1.07E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL	565870.46	4191274.22	1.07E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL	565710.46	4191374.22	1.06E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL	565990.46	4191234.22	1.06E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL	565690.46	4191394.22	1.06E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL	565730.46	4191354.22	1.06E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL	566310.46	4191254.22	1.06E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1063	ALL	565570.46	4191654.22	1.05E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL	566510.46	4191294.22	1.05E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL	565670.46	4191414.22	1.05E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL	566370.46	4191294.22	1.05E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
869	ALL	565590.46	4191574.22	1.05E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL	565750.46	4191334.22	1.05E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL	565910.46	4191254.22	1.05E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
616	ALL	565630.46	4191474.22	1.04E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL	565970.46	4191234.22	1.04E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
717	ALL	565610.46	4191514.22	1.04E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL	566330.46	4191274.22	1.04E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL	565810.46	4191294.22	1.04E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL	565850.46	4191274.22	1.04E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1021	ALL	565570.46	4191634.22	1.04E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515	ALL	565650.46	4191434.22	1.03E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL	565770.46	4191314.22	1.03E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL	566570.46	4191274.22	1.03E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL	566490.46	4191294.22	1.03E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
818	ALL	565590.46	4191554.22	1.03E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL	565890.46	4191254.22	1.03E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL	565950.46	4191234.22	1.02E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
970	ALL	565570.46	4191614.22	1.02E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL	566390.46	4191294.22	1.02E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
364	ALL	565690.46	4191374.22	1.02E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL	566310.46	4191234.22	1.02E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL	565710.46	4191354.22	1.02E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
666	ALL	565610.46	4191494.22	1.01E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
565	ALL	565630.46	4191454.22	1.01E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL	565830.46	4191274.22	1.01E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL	565670.46	4191394.22	1.01E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL	565730.46	4191334.22	1.01E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL	565790.46	4191294.22	1.01E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
767	ALL	565590.46	4191534.22	1.01E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL	566470.46	4191294.22	1.01E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
919	ALL	565570.46	4191594.22	1.01E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL	565930.46	4191234.22	1.00E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL	565870.46	4191254.22	1.00E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL	565650.46	4191414.22	1.00E-08	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	1.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

196	ALL	566410.46	4191294.22	9.99E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL	565750.46	4191314.22	9.98E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL	566550.46	4191274.22	9.98E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	ALL	566450.46	4191294.22	9.92E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL	566430.46	4191294.22	9.90E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL	566350.46	4191274.22	9.89E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
615	ALL	565610.46	4191474.22	9.87E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
868	ALL	565570.46	4191574.22	9.87E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL	565910.46	4191234.22	9.86E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL	565810.46	4191274.22	9.86E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
716	ALL	565590.46	4191514.22	9.83E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514	ALL	565630.46	4191434.22	9.82E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL	565850.46	4191254.22	9.81E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL	565770.46	4191294.22	9.80E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL	566330.46	4191254.22	9.78E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL	565690.46	4191354.22	9.77E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL	565670.46	4191374.22	9.75E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL	565710.46	4191334.22	9.74E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL	566530.46	4191274.22	9.70E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
817	ALL	565570.46	4191554.22	9.68E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL	565890.46	4191234.22	9.68E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL	565650.46	4191394.22	9.66E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL	565730.46	4191314.22	9.64E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
564	ALL	565610.46	4191454.22	9.60E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL	565790.46	4191274.22	9.60E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL	565830.46	4191254.22	9.58E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
665	ALL	565590.46	4191494.22	9.58E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL	566370.46	4191274.22	9.57E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL	566570.46	4191254.22	9.55E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL	565630.46	4191414.22	9.51E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL	565750.46	4191294.22	9.50E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
766	ALL	565570.46	4191534.22	9.49E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL	565870.46	4191234.22	9.48E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL	566510.46	4191274.22	9.45E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL	565670.46	4191354.22	9.38E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL	565690.46	4191334.22	9.38E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL	566330.46	4191234.22	9.37E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL	565810.46	4191254.22	9.36E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
614	ALL	565590.46	4191474.22	9.34E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
513	ALL	565610.46	4191434.22	9.33E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL	565770.46	4191274.22	9.33E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL	565650.46	4191374.22	9.33E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL	565710.46	4191314.22	9.31E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
715	ALL	565570.46	4191514.22	9.28E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL	565850.46	4191234.22	9.28E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL	566390.46	4191274.22	9.26E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	ALL	566350.46	4191254.22	9.23E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL	566550.46	4191254.22	9.23E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL	566490.46	4191274.22	9.21E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL	565630.46	4191394.22	9.21E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL	565730.46	4191294.22	9.20E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL	565790.46	4191254.22	9.13E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
563	ALL	565590.46	4191454.22	9.10E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL	565830.46	4191234.22	9.08E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
664	ALL	565570.46	4191494.22	9.07E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL	565750.46	4191274.22	9.06E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL	565610.46	4191414.22	9.06E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL	565670.46	4191334.22	9.03E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL	566470.46	4191274.22	9.02E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

145	ALL	566410.46	4191274.22	9.01E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL	565650.46	4191354.22	9.00E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	9.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL	565690.46	4191314.22	8.99E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL	566570.46	4191234.22	8.96E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	ALL	565630.46	4191374.22	8.92E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL	566530.46	4191254.22	8.92E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL	566450.46	4191274.22	8.91E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL	565710.46	4191294.22	8.91E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL	566430.46	4191274.22	8.90E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL	566370.46	4191254.22	8.89E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL	565810.46	4191234.22	8.89E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL	565770.46	4191254.22	8.89E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	ALL	565590.46	4191434.22	8.87E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
613	ALL	565570.46	4191474.22	8.86E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL	565730.46	4191274.22	8.79E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	ALL	565610.46	4191394.22	8.79E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL	566350.46	4191234.22	8.75E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL	565790.46	4191234.22	8.68E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL	565650.46	4191334.22	8.68E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL	565670.46	4191314.22	8.67E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
562	ALL	565570.46	4191454.22	8.65E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL	566550.46	4191234.22	8.65E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL	565750.46	4191254.22	8.64E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	ALL	566510.46	4191254.22	8.64E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL	565590.46	4191414.22	8.63E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL	565630.46	4191354.22	8.63E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL	565690.46	4191294.22	8.61E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL	566390.46	4191254.22	8.60E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL	565610.46	4191374.22	8.52E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL	565710.46	4191274.22	8.52E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL	565770.46	4191234.22	8.47E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	ALL	565570.46	4191434.22	8.44E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL	566490.46	4191254.22	8.40E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL	565730.46	4191254.22	8.40E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL	565590.46	4191394.22	8.39E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL	566410.46	4191254.22	8.37E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL	566370.46	4191234.22	8.37E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL	565650.46	4191314.22	8.35E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL	566530.46	4191234.22	8.35E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL	565630.46	4191334.22	8.34E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL	565670.46	4191294.22	8.32E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL	565610.46	4191354.22	8.26E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL	565690.46	4191274.22	8.26E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL	566470.46	4191254.22	8.26E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL	565750.46	4191234.22	8.25E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	ALL	566430.46	4191254.22	8.25E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL	565570.46	4191414.22	8.22E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL	566450.46	4191254.22	8.22E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL	565710.46	4191254.22	8.16E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	ALL	565590.46	4191374.22	8.15E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL	566390.46	4191234.22	8.11E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL	566510.46	4191234.22	8.09E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL	565630.46	4191314.22	8.04E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL	565730.46	4191234.22	8.04E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL	565650.46	4191294.22	8.04E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL	565570.46	4191394.22	8.01E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL	565610.46	4191334.22	8.00E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	8.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL	565670.46	4191274.22	7.99E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL	565690.46	4191254.22	7.92E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

43	ALL	566410.46	4191234.22	7.92E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL	565590.46	4191354.22	7.92E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL	566490.46	4191234.22	7.87E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL	565710.46	4191234.22	7.82E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL	566430.46	4191234.22	7.80E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL	565570.46	4191374.22	7.80E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL	566470.46	4191234.22	7.75E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL	565630.46	4191294.22	7.75E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL	566450.46	4191234.22	7.75E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL	565610.46	4191314.22	7.74E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL	565650.46	4191274.22	7.73E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL	565670.46	4191254.22	7.68E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL	565590.46	4191334.22	7.68E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL	565690.46	4191234.22	7.60E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL	565570.46	4191354.22	7.58E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL	565610.46	4191294.22	7.48E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL	565630.46	4191274.22	7.48E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL	565590.46	4191314.22	7.45E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL	565650.46	4191254.22	7.44E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL	565670.46	4191234.22	7.38E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL	565570.46	4191334.22	7.37E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL	565610.46	4191274.22	7.23E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL	565590.46	4191294.22	7.21E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL	565630.46	4191254.22	7.21E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL	565650.46	4191234.22	7.17E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL	565570.46	4191314.22	7.16E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	7.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL	565610.46	4191254.22	6.98E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL	565590.46	4191274.22	6.98E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL	565630.46	4191234.22	6.96E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL	565570.46	4191294.22	6.95E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL	565590.46	4191254.22	6.75E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL	565610.46	4191234.22	6.74E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	565570.46	4191274.22	6.73E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL	565590.46	4191234.22	6.53E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL	565570.46	4191254.22	6.53E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1	ALL	565570.46	4191234.22	6.32E-09	0.6YrCancerRMP_InhSoilDermMMilk_FAH16to70	6.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Cal Softball Fields Project Construction HRA - Chronic Risk - Sorted Max to Min

*HARP - HRACalc v22118 7/18/2022 1:51:36 PM

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1187	ALL		566170.5	4191774	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03
1188	ALL		566190.5	4191774	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03
1175	ALL		566130.5	4191754	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
1176	ALL		566150.5	4191754	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-04
1177	ALL		566170.5	4191754	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.37E-04
1178	ALL		566190.5	4191754	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-04
1162	ALL		566110.5	4191734	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-04
1163	ALL		566130.5	4191734	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-04
1164	ALL		566150.5	4191734	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04
1165	ALL		566170.5	4191734	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04
1166	ALL		566190.5	4191734	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-04
1148	ALL		566090.5	4191714	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-04
1149	ALL		566110.5	4191714	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-04
1147	ALL		566070.5	4191714	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04
1150	ALL		566130.5	4191714	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04
1151	ALL		566150.5	4191714	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04
1127	ALL		566070.5	4191694	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04
1128	ALL		566090.5	4191694	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04
1152	ALL		566170.5	4191714	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04
1126	ALL		566050.5	4191694	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04
1153	ALL		566190.5	4191714	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04
1129	ALL		566110.5	4191694	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04
1137	ALL		566270.5	4191694	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04
1136	ALL		566250.5	4191694	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04
1130	ALL		566130.5	4191694	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04
1104	ALL		566050.5	4191674	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
1105	ALL		566070.5	4191674	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04
1135	ALL		566230.5	4191694	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
1103	ALL		566030.5	4191674	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
1131	ALL		566150.5	4191694	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04
1106	ALL		566090.5	4191674	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04
1134	ALL		566210.5	4191694	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
1116	ALL		566290.5	4191674	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
1132	ALL		566170.5	4191694	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
1102	ALL		566010.5	4191674	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04
1133	ALL		566190.5	4191694	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
1115	ALL		566270.5	4191674	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
1107	ALL		566110.5	4191674	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
1078	ALL		566030.5	4191654	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
1077	ALL		566010.5	4191654	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
1079	ALL		566050.5	4191654	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04
1114	ALL		566250.5	4191674	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04
1080	ALL		566070.5	4191654	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04
1108	ALL		566130.5	4191674	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
1092	ALL		566310.5	4191654	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04
1113	ALL		566230.5	4191674	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
1043	ALL		566010.5	4191634	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
1062	ALL		566390.5	4191634	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04
1091	ALL		566290.5	4191654	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
1109	ALL		566150.5	4191674	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04
1081	ALL		566090.5	4191654	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04
1061	ALL		566370.5	4191634	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04
1112	ALL		566210.5	4191674	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04
1044	ALL		566030.5	4191634	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04
1110	ALL		566170.5	4191674	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04
1060	ALL		566350.5	4191634	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
1111	ALL		566190.5	4191674	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
1090	ALL		566270.5	4191654	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
1042	ALL		565990.5	4191634	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
992	ALL		566010.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04
1045	ALL		566050.5	4191634	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04
1059	ALL		566330.5	4191634	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04
1082	ALL		566110.5	4191654	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04
1015	ALL		566470.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04
1014	ALL		566450.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04
1016	ALL		566490.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04
1013	ALL		566430.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04
1017	ALL		566510.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04
1012	ALL		566410.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
993	ALL		566030.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04
1089	ALL		566250.5	4191654	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04
1046	ALL		566070.5	4191634	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04
1058	ALL		566310.5	4191634	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04
1018	ALL		566530.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04
1041	ALL		565970.5	4191634	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
1011	ALL		566390.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
991	ALL		565990.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04
1019	ALL		566550.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
941	ALL		566010.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04
1083	ALL		566130.5	4191654	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
1010	ALL		566370.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
1020	ALL		566570.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
1088	ALL		566230.5	4191654	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04
1057	ALL		566290.5	4191634	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04
965	ALL		566490.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
964	ALL		566470.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
1047	ALL		566090.5	4191634	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
966	ALL		566510.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04
963	ALL		566450.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04
942	ALL		566030.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04
994	ALL		566050.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
1009	ALL		566350.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
967	ALL		566530.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
962	ALL		566430.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.95E-05
1040	ALL		565950.5	4191634	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-05
990	ALL		565970.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-05
1087	ALL		566210.5	4191654	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.87E-05
968	ALL		566550.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-05
940	ALL		565990.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.78E-05
1084	ALL		566150.5	4191654	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.78E-05
969	ALL		566570.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-05
961	ALL		566410.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E-05
1056	ALL		566270.5	4191634	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.56E-05
1008	ALL		566330.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.48E-05
1086	ALL		566190.5	4191654	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-05
890	ALL		566010.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.45E-05
1085	ALL		566170.5	4191654	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.39E-05

891	ALL	566030.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.35E-05
995	ALL	566070.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.33E-05
1048	ALL	566110.5	4191634	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-05
1375	ALL	566610.6	4191597	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-05
960	ALL	566390.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-05
915	ALL	566510.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-05
914	ALL	566490.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-05
916	ALL	566530.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.99E-05
989	ALL	565950.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-05
943	ALL	566050.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-05
1039	ALL	565930.5	4191634	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-05
913	ALL	566470.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-05
917	ALL	566550.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-05
939	ALL	565970.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-05
1007	ALL	566310.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.88E-05
918	ALL	566570.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-05
1055	ALL	566250.5	4191634	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.82E-05
912	ALL	566450.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.80E-05
840	ALL	566030.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.71E-05
889	ALL	565990.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.71E-05
959	ALL	566370.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.70E-05
1376	ALL	566595	4191573	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-05
911	ALL	566430.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.56E-05
996	ALL	566090.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-05
839	ALL	566010.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-05
1049	ALL	566130.5	4191634	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.28E-05
1006	ALL	566290.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.25E-05
1054	ALL	566230.5	4191634	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.25E-05
910	ALL	566410.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-05
892	ALL	566050.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.21E-05
988	ALL	565930.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-05
958	ALL	566350.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.19E-05
867	ALL	566570.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.19E-05
944	ALL	566070.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.16E-05
938	ALL	565950.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-05
866	ALL	566550.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-05
865	ALL	566530.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-05
1038	ALL	565910.5	4191634	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.09E-05
864	ALL	566510.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.09E-05
888	ALL	565970.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-05
863	ALL	566490.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-05
862	ALL	566470.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-05
789	ALL	566030.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-05
1053	ALL	566210.5	4191634	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-05
838	ALL	565990.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-05
909	ALL	566390.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-05
861	ALL	566450.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-05
841	ALL	566050.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.71E-05
957	ALL	566330.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-05
1050	ALL	566150.5	4191634	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.67E-05
816	ALL	566570.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-05
1005	ALL	566270.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-05
860	ALL	566430.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-05
997	ALL	566110.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-05
815	ALL	566550.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-05
1052	ALL	566190.5	4191634	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.54E-05
937	ALL	565930.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.49E-05
1377	ALL	566676.8	4191552	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-05
788	ALL	566010.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-05
987	ALL	565910.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-05
1051	ALL	566170.5	4191634	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-05
814	ALL	566530.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.45E-05
790	ALL	566050.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-05
887	ALL	565950.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-05
813	ALL	566510.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.37E-05
893	ALL	566070.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-05
908	ALL	566370.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-05
859	ALL	566410.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-05
1037	ALL	565890.5	4191634	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-05
812	ALL	566490.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.24E-05
956	ALL	566310.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-05
837	ALL	565970.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-05
765	ALL	566570.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-05
945	ALL	566090.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-05
1004	ALL	566250.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-05
739	ALL	566050.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-05
811	ALL	566470.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-05
764	ALL	566550.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-05
1378	ALL	566582.8	4191499	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-05
738	ALL	566030.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-05
787	ALL	565990.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-05
763	ALL	566530.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-05
810	ALL	566450.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-05
998	ALL	566130.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-05
858	ALL	566390.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-05
907	ALL	566350.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-05
936	ALL	565910.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-05
714	ALL	566570.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-05
886	ALL	565930.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-05
842	ALL	566070.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-05
762	ALL	566510.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-05
955	ALL	566290.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-05
1003	ALL	566230.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-05
809	ALL	566430.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-05
986	ALL	565890.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-05
836	ALL	565950.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-05
737	ALL	566010.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-05
761	ALL	566490.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.66E-05
713	ALL	566550.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-05
808	ALL	566410.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-05
1036	ALL	565870.5	4191634	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-05
786	ALL	565970.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-05
1379	ALL	566607.2	4191478	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-05
1002	ALL	566210.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-05
946	ALL	566110.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-05
688	ALL	566050.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-05
999	ALL	566150.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.47E-05
712	ALL	566530.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-05
906	ALL	566330.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-05
760	ALL	566470.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-05
857	ALL	566370.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-05

791	ALL	566070.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-05
954	ALL	566270.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-05
894	ALL	566090.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-05
1001	ALL	566190.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-05
807	ALL	566390.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-05
1000	ALL	566170.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-05
663	ALL	566570.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-05
711	ALL	566510.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-05
736	ALL	565990.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-05
687	ALL	566030.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-05
885	ALL	565910.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.26E-05
835	ALL	565930.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-05
759	ALL	566450.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-05
935	ALL	565890.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-05
710	ALL	566490.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-05
662	ALL	566550.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-05
758	ALL	566430.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-05
740	ALL	566070.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-05
785	ALL	565950.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-05
953	ALL	566250.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-05
905	ALL	566310.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-05
985	ALL	565870.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-05
757	ALL	566410.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-05
947	ALL	566130.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-05
686	ALL	566010.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-05
709	ALL	566470.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-05
856	ALL	566350.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-05
661	ALL	566530.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-05
806	ALL	566370.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-05
689	ALL	566070.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-05
735	ALL	565970.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-05
756	ALL	566390.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-05
1035	ALL	565850.5	4191634	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-05
637	ALL	566050.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-05
952	ALL	566230.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-05
843	ALL	566090.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-05
660	ALL	566510.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-05
904	ALL	566290.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-05
638	ALL	566070.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-05
1380	ALL	566639.4	4191459	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-05
834	ALL	565910.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-05
884	ALL	565890.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-05
708	ALL	566450.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-05
895	ALL	566110.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-05
612	ALL	566570.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-05
659	ALL	566490.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-05
948	ALL	566150.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-05
784	ALL	565930.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-05
951	ALL	566210.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-05
685	ALL	565990.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-05
934	ALL	565870.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-05
636	ALL	566030.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.62E-05
755	ALL	566370.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-05
855	ALL	566330.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-05
611	ALL	566550.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-05
949	ALL	566170.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-05
950	ALL	566190.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-05
1076	ALL	565830.5	4191654	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-05
707	ALL	566430.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-05
903	ALL	566270.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-05
734	ALL	565950.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-05
792	ALL	566090.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-05
658	ALL	566470.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-05
805	ALL	566350.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-05
984	ALL	565850.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-05
610	ALL	566530.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-05
706	ALL	566410.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-05
587	ALL	566070.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-05
705	ALL	566390.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-05
635	ALL	566010.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-05
902	ALL	566250.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-05
684	ALL	565970.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-05
833	ALL	565890.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-05
854	ALL	566310.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-05
704	ALL	566370.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-05
657	ALL	566450.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-05
741	ALL	566090.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-05
896	ALL	566130.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-05
609	ALL	566510.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-05
783	ALL	565910.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-05
883	ALL	565870.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-05
586	ALL	566050.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-05
1034	ALL	565830.5	4191634	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-05
754	ALL	566350.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-05
588	ALL	566090.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-05
733	ALL	565930.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-05
608	ALL	566490.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-05
1381	ALL	566588	4191438	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-05
901	ALL	566230.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-05
933	ALL	565850.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-05
844	ALL	566110.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-05
804	ALL	566330.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-05
656	ALL	566430.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-05
853	ALL	566290.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-05
690	ALL	566090.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-05
634	ALL	565990.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-05
897	ALL	566150.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-05
607	ALL	566470.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-05
900	ALL	566210.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-05
585	ALL	566030.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-05
703	ALL	566350.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-05
683	ALL	565950.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-05
561	ALL	566570.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-05
537	ALL	566090.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-05
1075	ALL	565810.5	4191654	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-05
898	ALL	566170.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-05
655	ALL	566410.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-05
639	ALL	566090.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-05
899	ALL	566190.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-05
983	ALL	565830.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-05
852	ALL	566270.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-05

560	ALL	566550.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-05
832	ALL	565870.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-05
654	ALL	566390.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-05
782	ALL	565890.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-05
606	ALL	566450.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-05
803	ALL	566310.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-05
1382	ALL	566635.9	4191431	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-05
536	ALL	566070.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-05
732	ALL	565910.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-05
753	ALL	566330.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-05
653	ALL	566370.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-05
882	ALL	565850.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-05
793	ALL	566110.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-05
559	ALL	566530.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-05
633	ALL	565970.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-05
584	ALL	566010.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-05
851	ALL	566250.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-05
492	ALL	566210.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-05
538	ALL	566110.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-05
1033	ALL	565810.5	4191634	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-05
493	ALL	566230.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-05
652	ALL	566350.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-05
682	ALL	565930.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-05
605	ALL	566430.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-05
845	ALL	566130.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-05
802	ALL	566290.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-05
702	ALL	566330.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-05
558	ALL	566510.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-05
932	ALL	565830.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-05
535	ALL	566050.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-05
1387	ALL	566868.5	4191524	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-05
742	ALL	566110.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-05
850	ALL	566230.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-05
491	ALL	566190.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-05
801	ALL	566270.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-05
1335	ALL	565810.5	4192174	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-05
487	ALL	566110.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-05
604	ALL	566410.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-05
557	ALL	566490.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-05
752	ALL	566310.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-05
1333	ALL	565770.5	4192174	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-05
849	ALL	566210.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-05
583	ALL	565990.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-05
781	ALL	565870.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-05
632	ALL	565950.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-05
1334	ALL	565790.5	4192174	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-05
846	ALL	566150.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-05
691	ALL	566110.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-05
831	ALL	565850.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-05
848	ALL	566190.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-05
731	ALL	565890.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-05
441	ALL	566210.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-05
847	ALL	566170.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-05
651	ALL	566330.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-05
982	ALL	565810.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-05
545	ALL	566250.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-05
1074	ALL	565790.5	4191654	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-05
556	ALL	566470.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-05
544	ALL	566230.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-05
1348	ALL	565810.5	4192194	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-05
603	ALL	566390.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-05
534	ALL	566030.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-05
1332	ALL	565750.5	4192174	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-05
800	ALL	566250.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-05
488	ALL	566130.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-05
486	ALL	566090.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-05
751	ALL	566290.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-05
440	ALL	566190.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-05
701	ALL	566310.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-05
442	ALL	566230.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-05
601	ALL	566350.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-05
640	ALL	566110.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-05
681	ALL	565910.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-05
750	ALL	566270.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-05
881	ALL	565830.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-05
555	ALL	566450.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-05
794	ALL	566130.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-05
602	ALL	566370.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-05
546	ALL	566270.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-05
1347	ALL	565790.5	4192194	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-05
589	ALL	566110.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-05
600	ALL	566330.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-05
439	ALL	566170.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-05
494	ALL	566250.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-05
582	ALL	565970.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-05
799	ALL	566230.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-05
547	ALL	566290.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-05
548	ALL	566310.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-05
650	ALL	566310.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-05
596	ALL	566250.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-05
1331	ALL	565730.5	4192174	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-05
485	ALL	566070.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-05
438	ALL	566150.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-05
599	ALL	566310.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-05
631	ALL	565930.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-05
510	ALL	566570.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-05
549	ALL	566330.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-05
700	ALL	566290.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-05
533	ALL	566010.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-05
554	ALL	566430.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-05
1032	ALL	565790.5	4191634	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-05
543	ALL	566210.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-05
931	ALL	565810.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-05
749	ALL	566250.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-05
699	ALL	566270.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-05
1346	ALL	565770.5	4192194	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-05
798	ALL	566210.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-05
597	ALL	566270.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-05
509	ALL	566550.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-05
437	ALL	566130.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-05
490	ALL	566170.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-05

780	ALL	565850.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-05
730	ALL	565870.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-05
598	ALL	566290.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-05
795	ALL	566150.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-05
743	ALL	566130.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-05
797	ALL	566190.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-05
550	ALL	566350.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-05
1330	ALL	565710.5	4192174	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-05
698	ALL	566250.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-05
796	ALL	566170.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-05
1361	ALL	565810.5	4192214	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-05
553	ALL	566410.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-05
649	ALL	566290.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-05
647	ALL	566250.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-05
648	ALL	566270.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-05
495	ALL	566270.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-05
680	ALL	565890.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-05
830	ALL	565830.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-05
508	ALL	566530.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-05
484	ALL	566050.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-05
581	ALL	565950.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-05
552	ALL	566390.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-05
748	ALL	566230.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-05
595	ALL	566230.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-05
436	ALL	566110.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-05
692	ALL	566130.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-05
1329	ALL	565690.5	4192174	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-05
532	ALL	565990.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-05
551	ALL	566370.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-05
489	ALL	566150.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-05
981	ALL	565790.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-05
390	ALL	566210.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-05
496	ALL	566290.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-05
1383	ALL	566616.7	4191406	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-05
1345	ALL	565750.5	4192194	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-05
880	ALL	565810.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-05
630	ALL	565910.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-05
1073	ALL	565770.5	4191654	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-05
539	ALL	566130.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-05
507	ALL	566510.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-05
641	ALL	566130.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-05
497	ALL	566310.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-05
1360	ALL	565790.5	4192214	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-05
747	ALL	566210.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-05
443	ALL	566250.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-05
697	ALL	566230.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-05
389	ALL	566190.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-05
744	ALL	566150.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-05
542	ALL	566190.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-05
483	ALL	566030.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-05
391	ALL	566230.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-05
746	ALL	566190.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-05
646	ALL	566230.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-05
435	ALL	566090.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-05
1292	ALL	565710.5	4192034	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-05
590	ALL	566130.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-05
745	ALL	566170.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-05
1284	ALL	565710.5	4192014	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-05
498	ALL	566330.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-05
729	ALL	565850.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-05
388	ALL	566170.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-05
531	ALL	565970.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-05
1344	ALL	565730.5	4192194	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-05
580	ALL	565930.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-05
1276	ALL	565710.5	4191994	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-05
506	ALL	566490.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-05
930	ALL	565790.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-05
679	ALL	565870.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-05
779	ALL	565830.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-05
594	ALL	566210.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-05
1031	ALL	565770.5	4191634	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-05
1374	ALL	565810.5	4192234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-05
693	ALL	566150.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-05
1268	ALL	565710.5	4191974	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-05
387	ALL	566150.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-05
696	ALL	566210.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-05
482	ALL	566010.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-05
1260	ALL	565710.5	4191954	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-05
499	ALL	566350.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-05
829	ALL	565810.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-05
1359	ALL	565770.5	4192214	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-05
629	ALL	565890.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-05
1252	ALL	565710.5	4191934	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-05
505	ALL	566470.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-05
1343	ALL	565710.5	4192194	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-05
434	ALL	566070.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-05
1244	ALL	565710.5	4191914	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-05
645	ALL	566210.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-05
504	ALL	566450.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-05
1342	ALL	565690.5	4192194	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-05
444	ALL	566270.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-05
695	ALL	566190.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-05
1236	ALL	565710.5	4191894	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-05
541	ALL	566170.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-05
386	ALL	566130.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-05
540	ALL	566150.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-05
694	ALL	566170.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-05
503	ALL	566430.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-05
642	ALL	566150.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-05
530	ALL	565950.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-05
1228	ALL	565710.5	4191874	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-05
1341	ALL	565670.5	4192194	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-05
500	ALL	566370.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-05
502	ALL	566410.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-05
980	ALL	565770.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-05
879	ALL	565790.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-05
579	ALL	565910.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-05
501	ALL	566390.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-05
1220	ALL	565710.5	4191854	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-05
593	ALL	566190.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-05
481	ALL	565990.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-05

339	ALL	566210.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-05
1373	ALL	565790.5	4192234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-05
433	ALL	566050.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-05
591	ALL	566150.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-05
445	ALL	566290.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-05
1212	ALL	565710.5	4191834	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-05
644	ALL	566190.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-05
459	ALL	566570.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-05
392	ALL	566250.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-05
1072	ALL	565750.5	4191654	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-05
385	ALL	566110.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-05
678	ALL	565850.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-05
643	ALL	566170.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-05
1358	ALL	565750.5	4192214	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-05
728	ALL	565830.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-05
340	ALL	566230.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-05
1204	ALL	565710.5	4191814	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-05
338	ALL	566190.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-05
1146	ALL	565730.5	4191714	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-05
458	ALL	566550.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-05
592	ALL	566170.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-05
446	ALL	566310.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-05
778	ALL	565810.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-05
628	ALL	565870.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-05
1340	ALL	565650.5	4192194	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-05
1299	ALL	565690.5	4192054	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-05
1196	ALL	565710.5	4191794	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-05
432	ALL	566030.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-05
529	ALL	565930.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-05
1291	ALL	565690.5	4192034	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-05
1306	ALL	565690.5	4192074	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-05
929	ALL	565770.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-05
1283	ALL	565690.5	4192014	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-05
480	ALL	565970.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-05
337	ALL	566170.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-05
457	ALL	566530.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-05
1275	ALL	565690.5	4191994	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-05
1357	ALL	565730.5	4192214	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-05
828	ALL	565790.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-05
578	ALL	565890.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-05
1030	ALL	565750.5	4191634	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-05
384	ALL	566090.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-05
1125	ALL	565730.5	4191694	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-05
1372	ALL	565770.5	4192234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-05
447	ALL	566330.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-05
1186	ALL	565710.5	4191774	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-05
1267	ALL	565690.5	4191974	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-05
1388	ALL	566872	4191417	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-05
336	ALL	566150.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-05
431	ALL	566010.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-05
1259	ALL	565690.5	4191954	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-05
1356	ALL	565710.5	4192214	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-05
1251	ALL	565690.5	4191934	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-05
1243	ALL	565690.5	4191914	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-05
393	ALL	566270.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-05
456	ALL	566510.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-05
1174	ALL	565710.5	4191754	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-05
479	ALL	565950.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-05
1101	ALL	565730.5	4191674	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-05
448	ALL	566350.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-05
1355	ALL	565690.5	4192214	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-05
878	ALL	565770.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-05
383	ALL	566070.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-05
1353	ALL	565650.5	4192214	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-05
528	ALL	565910.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-05
1235	ALL	565690.5	4191894	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-05
1354	ALL	565670.5	4192214	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-05
677	ALL	565830.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-05
341	ALL	566250.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-05
727	ALL	565810.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-05
979	ALL	565750.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-05
627	ALL	565850.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-05
335	ALL	566130.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-05
1227	ALL	565690.5	4191874	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-05
289	ALL	566230.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-05
1371	ALL	565750.5	4192234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-05
288	ALL	566210.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-05
430	ALL	565990.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-05
1161	ALL	565710.5	4191734	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-05
449	ALL	566370.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-05
1219	ALL	565690.5	4191854	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-05
777	ALL	565790.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-05
577	ALL	565870.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-05
1211	ALL	565690.5	4191834	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-05
394	ALL	566290.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-05
382	ALL	566050.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-05
1352	ALL	565630.5	4192214	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-05
1071	ALL	565730.5	4191654	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-05
455	ALL	566490.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-05
287	ALL	566190.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-05
1203	ALL	565690.5	4191814	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-05
450	ALL	566390.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-05
1384	ALL	566600.2	4191377	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-05
334	ALL	566110.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-05
478	ALL	565930.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-05
1145	ALL	565710.5	4191714	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-05
451	ALL	566410.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-05
928	ALL	565750.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-05
1298	ALL	565670.5	4192054	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-05
1370	ALL	565730.5	4192234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-05
1290	ALL	565670.5	4192034	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-05
1305	ALL	565670.5	4192074	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-05
827	ALL	565770.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-05
1195	ALL	565690.5	4191794	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-05
527	ALL	565890.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-05
1282	ALL	565670.5	4192014	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-05
286	ALL	566170.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-05
429	ALL	565970.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-05
395	ALL	566310.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-05
452	ALL	566430.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-05
381	ALL	566030.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-05

454	ALL	566470.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-05
453	ALL	566450.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-05
1274	ALL	565670.5	4191994	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-05
1029	ALL	565730.5	4191634	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-05
1369	ALL	565710.5	4192234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-05
1124	ALL	565710.5	4191694	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-05
676	ALL	565810.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-05
1185	ALL	565690.5	4191774	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-05
626	ALL	565830.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-05
1339	ALL	565630.5	4192194	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-05
290	ALL	566250.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-05
408	ALL	566570.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-05
333	ALL	566090.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-05
1266	ALL	565670.5	4191974	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-05
1365	ALL	565630.5	4192234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-05
285	ALL	566150.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-05
726	ALL	565790.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-05
1258	ALL	565670.5	4191954	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-05
576	ALL	565850.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-05
380	ALL	566010.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-05
877	ALL	565750.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-05
1368	ALL	565690.5	4192234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-05
477	ALL	565910.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-05
1366	ALL	565650.5	4192234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-05
428	ALL	565950.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-05
1250	ALL	565670.5	4191934	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-05
396	ALL	566330.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-05
407	ALL	566550.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-05
1173	ALL	565690.5	4191754	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-05
1100	ALL	565710.5	4191674	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-05
1242	ALL	565670.5	4191914	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-05
238	ALL	566230.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-05
1367	ALL	565670.5	4192234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-05
342	ALL	566270.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-05
978	ALL	565730.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-05
776	ALL	565770.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-05
526	ALL	565870.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-05
332	ALL	566070.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-05
1234	ALL	565670.5	4191894	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-05
237	ALL	566210.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-05
284	ALL	566130.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-05
1364	ALL	565610.5	4192234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-05
1389	ALL	566934.7	4191401	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-05
1226	ALL	565670.5	4191874	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-05
379	ALL	565990.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-05
1160	ALL	565690.5	4191734	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-05
406	ALL	566530.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-05
1218	ALL	565670.5	4191854	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-05
236	ALL	566190.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-05
1070	ALL	565710.5	4191654	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-05
1210	ALL	565670.5	4191834	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-05
427	ALL	565930.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-05
826	ALL	565750.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-05
397	ALL	566350.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-05
331	ALL	566050.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-05
476	ALL	565890.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-05
927	ALL	565730.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-05
625	ALL	565810.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-05
1297	ALL	565650.5	4192054	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-05
1202	ALL	565670.5	4191814	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-05
1289	ALL	565650.5	4192034	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-05
283	ALL	566110.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-05
1304	ALL	565650.5	4192074	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-05
675	ALL	565790.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-05
1144	ALL	565690.5	4191714	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-05
343	ALL	566290.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-05
575	ALL	565830.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-05
1281	ALL	565650.5	4192014	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-05
235	ALL	566170.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-05
1311	ALL	565650.5	4192094	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-05
378	ALL	565970.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-05
1194	ALL	565670.5	4191794	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-05
725	ALL	565770.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-05
1273	ALL	565650.5	4191994	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-05
1316	ALL	565650.5	4192114	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-05
330	ALL	566030.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-05
525	ALL	565850.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-05
1028	ALL	565710.5	4191634	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-05
405	ALL	566510.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-05
1351	ALL	565610.5	4192214	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-05
398	ALL	566370.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-05
1123	ALL	565690.5	4191694	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-05
1265	ALL	565650.5	4191974	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-05
234	ALL	566150.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-05
282	ALL	566090.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-05
1184	ALL	565670.5	4191774	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-05
876	ALL	565730.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-05
426	ALL	565910.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-05
239	ALL	566250.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-05
775	ALL	565750.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-05
1257	ALL	565650.5	4191954	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-05
344	ALL	566310.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-05
377	ALL	565950.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-05
475	ALL	565870.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-05
187	ALL	566230.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-05
329	ALL	566010.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-05
1249	ALL	565650.5	4191934	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-05
399	ALL	566390.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-05
1172	ALL	565670.5	4191754	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-05
1099	ALL	565690.5	4191674	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-05
977	ALL	565710.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-05
186	ALL	566210.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-05
1241	ALL	565650.5	4191914	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-05
233	ALL	566130.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-05
624	ALL	565790.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-05
281	ALL	566070.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-05
574	ALL	565810.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-05
404	ALL	566490.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-05
1233	ALL	565650.5	4191894	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-05
291	ALL	566270.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-05
674	ALL	565770.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-05

328	ALL	565990.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-05
825	ALL	565730.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-05
400	ALL	566410.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-05
1159	ALL	565670.5	4191734	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-05
357	ALL	566570.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-05
524	ALL	565830.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-05
1225	ALL	565650.5	4191874	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-05
425	ALL	565890.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-05
185	ALL	566190.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-05
376	ALL	565930.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-05
1069	ALL	565690.5	4191654	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-05
345	ALL	566330.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-05
1217	ALL	565650.5	4191854	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-05
1296	ALL	565630.5	4192054	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-05
926	ALL	565710.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-05
1288	ALL	565630.5	4192034	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-05
724	ALL	565750.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-05
232	ALL	566110.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-05
1303	ALL	565630.5	4192074	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-05
1209	ALL	565650.5	4191834	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-05
280	ALL	566050.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-05
401	ALL	566430.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-05
474	ALL	565850.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-05
1280	ALL	565630.5	4192014	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-05
1310	ALL	565630.5	4192094	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-05
184	ALL	566170.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-05
1143	ALL	565670.5	4191714	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-05
403	ALL	566470.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-05
1201	ALL	565650.5	4191814	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-05
356	ALL	566550.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-05
327	ALL	565970.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-05
402	ALL	566450.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-05
1315	ALL	565630.5	4192114	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-05
1272	ALL	565630.5	4191994	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-05
1027	ALL	565690.5	4191634	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-05
1193	ALL	565650.5	4191794	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-05
279	ALL	566030.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-05
1320	ALL	565630.5	4192134	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-05
774	ALL	565730.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-05
375	ALL	565910.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-05
231	ALL	566090.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-05
875	ALL	565710.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-05
183	ALL	566150.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-05
1122	ALL	565670.5	4191694	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-05
424	ALL	565870.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-05
1264	ALL	565630.5	4191974	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-05
188	ALL	566250.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-05
573	ALL	565790.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-05
292	ALL	566290.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-05
623	ALL	565770.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-05
1324	ALL	565630.5	4192154	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-05
346	ALL	566350.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-05
1183	ALL	565650.5	4191774	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-05
136	ALL	566230.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-05
326	ALL	565950.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-05
523	ALL	565810.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-05
1256	ALL	565630.5	4191954	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-05
355	ALL	566530.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-05
673	ALL	565750.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-05
278	ALL	566010.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-05
976	ALL	565690.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-05
1248	ALL	565630.5	4191934	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-05
135	ALL	566210.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-05
1098	ALL	565670.5	4191674	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-05
473	ALL	565830.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-05
1171	ALL	565650.5	4191754	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-05
182	ALL	566130.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-05
230	ALL	566070.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-05
824	ALL	565710.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-05
1240	ALL	565630.5	4191914	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-05
1328	ALL	565630.5	4192174	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-05
374	ALL	565890.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-05
723	ALL	565730.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-05
347	ALL	566370.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-05
1363	ALL	565590.5	4192234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-05
277	ALL	565990.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-05
325	ALL	565930.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-05
134	ALL	566190.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-05
1232	ALL	565630.5	4191894	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-05
1158	ALL	565650.5	4191734	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-05
423	ALL	565850.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-05
925	ALL	565690.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-05
1068	ALL	565670.5	4191654	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-05
1224	ALL	565630.5	4191874	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-05
181	ALL	566110.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-05
354	ALL	566510.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-05
293	ALL	566310.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-05
229	ALL	566050.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-05
1216	ALL	565630.5	4191854	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-05
133	ALL	566170.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-05
1309	ALL	565610.5	4192094	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-05
572	ALL	565770.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-05
240	ALL	566270.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-05
522	ALL	565790.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-05
1302	ALL	565610.5	4192074	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-05
1142	ALL	565650.5	4191714	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-05
1295	ALL	565610.5	4192054	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-05
1287	ALL	565610.5	4192034	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-05
276	ALL	565970.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-05
1314	ALL	565610.5	4192114	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-05
1386	ALL	566669	4191328	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-05
1208	ALL	565630.5	4191834	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-05
1279	ALL	565610.5	4192014	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-05
622	ALL	565750.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-05
773	ALL	565710.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-05
348	ALL	566390.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-05
1271	ALL	565610.5	4191994	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-05
472	ALL	565810.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-05
373	ALL	565870.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-05
1319	ALL	565610.5	4192134	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-05
1026	ALL	565670.5	4191634	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-05

1200	ALL	565630.5	4191814	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-05
324	ALL	565910.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-05
874	ALL	565690.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-05
180	ALL	566090.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-05
137	ALL	566250.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-05
228	ALL	566030.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-05
132	ALL	566150.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-05
672	ALL	565730.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-05
1323	ALL	565610.5	4192154	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-05
306	ALL	566570.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-05
1263	ALL	565610.5	4191974	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-05
1192	ALL	565630.5	4191794	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-05
1121	ALL	565650.5	4191694	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-05
85	ALL	566230.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-05
353	ALL	566490.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-05
275	ALL	565950.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-05
349	ALL	566410.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-05
422	ALL	565830.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-05
1327	ALL	565610.5	4192174	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-05
294	ALL	566330.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-05
1182	ALL	565630.5	4191774	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-05
1255	ALL	565610.5	4191954	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-05
975	ALL	565670.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-05
227	ALL	566010.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-05
84	ALL	566210.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-05
179	ALL	566070.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-05
131	ALL	566130.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-05
1097	ALL	565650.5	4191674	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-05
722	ALL	565710.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-05
823	ALL	565690.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-05
323	ALL	565890.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-05
350	ALL	566430.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-05
1247	ALL	565610.5	4191934	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-05
1170	ALL	565630.5	4191754	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-05
305	ALL	566550.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-05
86	ALL	566250.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-05
372	ALL	565850.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-05
521	ALL	565770.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-05
571	ALL	565750.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-05
1338	ALL	565610.5	4192194	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-05
274	ALL	565930.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-05
83	ALL	566190.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-05
352	ALL	566470.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-05
241	ALL	566290.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-05
471	ALL	565790.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-05
1239	ALL	565610.5	4191914	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-05
351	ALL	566450.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-05
226	ALL	565990.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-05
924	ALL	565670.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-05
1157	ALL	565630.5	4191734	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-05
621	ALL	565730.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-05
1067	ALL	565650.5	4191654	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-05
1231	ALL	565610.5	4191894	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-05
130	ALL	566110.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-05
178	ALL	566050.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-05
295	ALL	566350.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-05
421	ALL	565810.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-05
1223	ALL	565610.5	4191874	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-05
82	ALL	566170.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-05
1308	ALL	565590.5	4192094	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-05
772	ALL	565690.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-05
1215	ALL	565610.5	4191854	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-05
1313	ALL	565590.5	4192114	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-05
322	ALL	565870.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-05
225	ALL	565970.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-05
1141	ALL	565630.5	4191714	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-05
304	ALL	566530.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-05
671	ALL	565710.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-05
1207	ALL	565610.5	4191834	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-05
1385	ALL	566633.3	4191316	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-05
1301	ALL	565590.5	4192074	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-05
189	ALL	566270.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-05
1318	ALL	565590.5	4192134	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-05
273	ALL	565910.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-05
1025	ALL	565650.5	4191634	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-05
873	ALL	565670.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-05
1278	ALL	565590.5	4192014	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-05
129	ALL	566090.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-05
1294	ALL	565590.5	4192054	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-05
1286	ALL	565590.5	4192034	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-05
371	ALL	565830.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-05
1199	ALL	565610.5	4191814	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-05
177	ALL	566030.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-05
1270	ALL	565590.5	4191994	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-05
1322	ALL	565590.5	4192154	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-05
81	ALL	566150.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-05
34	ALL	566230.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-05
296	ALL	566370.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-05
1120	ALL	565630.5	4191694	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-05
1191	ALL	565610.5	4191794	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-05
520	ALL	565750.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-05
224	ALL	565950.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-05
1326	ALL	565590.5	4192174	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-05
1262	ALL	565590.5	4191974	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-05
35	ALL	566250.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-05
470	ALL	565770.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-05
570	ALL	565730.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-05
974	ALL	565650.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-05
721	ALL	565690.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-05
242	ALL	566310.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-05
33	ALL	566210.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-05
1181	ALL	565610.5	4191774	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-05
128	ALL	566070.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-05
1337	ALL	565590.5	4192194	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-05
420	ALL	565790.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-05
822	ALL	565670.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-05
176	ALL	566010.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-05
272	ALL	565890.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-05
321	ALL	565850.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-05
1254	ALL	565590.5	4191954	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-05
303	ALL	566510.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-05

80	ALL	566130.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-05
1096	ALL	565630.5	4191674	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-05
620	ALL	565710.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-05
1169	ALL	565610.5	4191754	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-05
223	ALL	565930.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-05
1246	ALL	565590.5	4191934	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-05
32	ALL	566190.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-05
297	ALL	566390.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-05
370	ALL	565810.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-05
1350	ALL	565590.5	4192214	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-05
923	ALL	565650.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-05
175	ALL	565990.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-05
127	ALL	566050.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-05
1156	ALL	565610.5	4191734	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-05
1066	ALL	565630.5	4191654	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-05
79	ALL	566110.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-05
1238	ALL	565590.5	4191914	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-05
771	ALL	565670.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-05
255	ALL	566570.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-05
190	ALL	566290.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-05
670	ALL	565690.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-05
1230	ALL	565590.5	4191894	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-05
271	ALL	565870.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-05
298	ALL	566410.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-05
302	ALL	566490.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-05
31	ALL	566170.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-05
1307	ALL	565570.5	4192094	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-05
1222	ALL	565590.5	4191874	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-05
469	ALL	565750.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-05
1312	ALL	565570.5	4192114	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-05
320	ALL	565830.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-05
519	ALL	565730.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-05
174	ALL	565970.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-05
138	ALL	566270.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-05
222	ALL	565910.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-05
1140	ALL	565610.5	4191714	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-05
1214	ALL	565590.5	4191854	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-05
872	ALL	565650.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-05
419	ALL	565770.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-05
1024	ALL	565630.5	4191634	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-05
1317	ALL	565570.5	4192134	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-05
1300	ALL	565570.5	4192074	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-05
78	ALL	566090.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-05
243	ALL	566330.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05
299	ALL	566430.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05
1206	ALL	565590.5	4191834	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05
569	ALL	565710.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05
126	ALL	566030.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05
1293	ALL	565570.5	4192054	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05
1285	ALL	565570.5	4192034	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-05
1277	ALL	565570.5	4192014	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-05
1321	ALL	565570.5	4192154	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-05
369	ALL	565790.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-05
30	ALL	566150.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-05
1198	ALL	565590.5	4191814	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-05
1269	ALL	565570.5	4191994	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-05
720	ALL	565670.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-05
301	ALL	566470.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-05
300	ALL	566450.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-05
254	ALL	566550.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-05
1119	ALL	565610.5	4191694	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-05
1325	ALL	565570.5	4192174	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-05
173	ALL	565950.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-05
270	ALL	565850.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-05
973	ALL	565630.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-05
1190	ALL	565590.5	4191794	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-05
1336	ALL	565570.5	4192194	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-05
619	ALL	565690.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-05
821	ALL	565650.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-05
1261	ALL	565570.5	4191974	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-05
221	ALL	565890.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-05
77	ALL	566070.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-05
125	ALL	566010.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-05
1180	ALL	565590.5	4191774	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-05
1349	ALL	565570.5	4192214	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-05
319	ALL	565810.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-05
29	ALL	566130.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-05
1095	ALL	565610.5	4191674	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-05
1253	ALL	565570.5	4191954	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-05
87	ALL	566270.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-05
172	ALL	565930.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-05
1168	ALL	565590.5	4191754	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-05
468	ALL	565730.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-05
922	ALL	565630.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-05
418	ALL	565750.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-05
518	ALL	565710.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-05
124	ALL	565990.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-05
253	ALL	566530.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-05
76	ALL	566050.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-05
1362	ALL	565570.5	4192234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-05
669	ALL	565670.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-05
191	ALL	566310.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-05
244	ALL	566350.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-05
1245	ALL	565570.5	4191934	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-05
770	ALL	565650.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-05
1065	ALL	565610.5	4191654	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-05
368	ALL	565770.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-05
28	ALL	566110.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-05
220	ALL	565870.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-05
269	ALL	565830.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-05
139	ALL	566290.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-05
1155	ALL	565590.5	4191734	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-05
1237	ALL	565570.5	4191914	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-05
568	ALL	565690.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-05
171	ALL	565910.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-05
1229	ALL	565570.5	4191894	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-05
36	ALL	566270.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-05
871	ALL	565630.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-05
318	ALL	565790.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-05
123	ALL	565970.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-05
1023	ALL	565610.5	4191634	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-05

1221	ALL	565570.5	4191874	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-05
1139	ALL	565590.5	4191714	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-05
75	ALL	566030.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-05
27	ALL	566090.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-05
1213	ALL	565570.5	4191854	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-05
252	ALL	566510.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-05
719	ALL	565650.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-05
245	ALL	566370.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-05
1205	ALL	565570.5	4191834	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-05
618	ALL	565670.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-05
219	ALL	565850.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-05
1197	ALL	565570.5	4191814	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-05
1118	ALL	565590.5	4191694	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-05
122	ALL	565950.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-05
972	ALL	565610.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-05
268	ALL	565810.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-05
417	ALL	565730.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-05
820	ALL	565630.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-05
170	ALL	565890.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-05
467	ALL	565710.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-05
26	ALL	566070.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-05
367	ALL	565750.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-05
74	ALL	566010.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-05
1189	ALL	565570.5	4191794	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-05
251	ALL	566490.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-05
517	ALL	565690.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-05
204	ALL	566570.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-05
1094	ALL	565590.5	4191674	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-05
1179	ALL	565570.5	4191774	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-05
317	ALL	565770.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-05
88	ALL	566290.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-05
246	ALL	566390.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-05
668	ALL	565650.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-05
121	ALL	565930.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-05
921	ALL	565610.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-05
192	ALL	566330.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-05
218	ALL	565830.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-05
769	ALL	565630.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-05
73	ALL	565990.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-05
25	ALL	566050.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-05
1167	ALL	565570.5	4191754	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-05
169	ALL	565870.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-05
567	ALL	565670.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-05
1064	ALL	565590.5	4191654	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-05
267	ALL	565790.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05
250	ALL	566470.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05
247	ALL	566410.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05
140	ALL	566310.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05
1154	ALL	565570.5	4191734	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-05
120	ALL	565910.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-05
870	ALL	565610.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-05
248	ALL	566430.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-05
249	ALL	566450.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-05
72	ALL	565970.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-05
203	ALL	566550.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-05
416	ALL	565710.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-05
366	ALL	565730.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-05
1022	ALL	565590.5	4191634	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05
24	ALL	566030.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05
718	ALL	565630.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05
617	ALL	565650.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05
466	ALL	565690.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05
1138	ALL	565570.5	4191714	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05
168	ALL	565850.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-05
316	ALL	565750.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-05
217	ALL	565810.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-05
37	ALL	566290.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-05
819	ALL	565610.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-05
516	ALL	565670.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-05
119	ALL	565890.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-05
71	ALL	565950.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-05
971	ALL	565590.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-05
1117	ALL	565570.5	4191694	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-05
266	ALL	565770.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-05
23	ALL	566010.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-05
193	ALL	566350.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-05
202	ALL	566530.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-05
667	ALL	565630.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-05
167	ALL	565830.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-05
1093	ALL	565570.5	4191674	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-05
566	ALL	565650.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-05
920	ALL	565590.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-05
70	ALL	565930.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-05
768	ALL	565610.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05
216	ALL	565790.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05
118	ALL	565870.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05
365	ALL	565710.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05
22	ALL	565990.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05
415	ALL	565690.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-05
315	ALL	565730.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-05
89	ALL	566310.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-05
1063	ALL	565570.5	4191654	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-05
201	ALL	566510.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-05
465	ALL	565670.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-05
194	ALL	566370.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-05
869	ALL	565590.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-05
265	ALL	565750.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-05
69	ALL	565910.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-05
616	ALL	565630.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-05
21	ALL	565970.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-05
717	ALL	565610.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-05
141	ALL	566330.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-05
166	ALL	565810.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-05
117	ALL	565850.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-05
1021	ALL	565570.5	4191634	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-05
515	ALL	565650.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-05
215	ALL	565770.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-05
153	ALL	566570.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-05
200	ALL	566490.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-05
818	ALL	565590.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-05
68	ALL	565890.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-05

20	ALL	565950.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-05
970	ALL	565570.5	4191614	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-05
195	ALL	566390.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-05
364	ALL	565690.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-05
38	ALL	566310.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-05
314	ALL	565710.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-05
666	ALL	565610.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-05
565	ALL	565630.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-05
116	ALL	565830.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-05
414	ALL	565670.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-05
264	ALL	565730.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-05
165	ALL	565790.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-05
767	ALL	565590.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-05
199	ALL	566470.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-05
919	ALL	565570.5	4191594	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-05
19	ALL	565930.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-05
67	ALL	565870.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-05
464	ALL	565650.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-05
196	ALL	566410.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-05
214	ALL	565750.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-05
152	ALL	566550.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-05
198	ALL	566450.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-05
197	ALL	566430.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-05
142	ALL	566350.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-05
615	ALL	565610.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-05
868	ALL	565570.5	4191574	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-05
18	ALL	565910.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-05
115	ALL	565810.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-05
716	ALL	565590.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-05
514	ALL	565630.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-05
66	ALL	565850.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-05
164	ALL	565770.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-05
90	ALL	566330.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-05
313	ALL	565690.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-05
363	ALL	565670.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-05
263	ALL	565710.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-05
151	ALL	566530.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-05
817	ALL	565570.5	4191554	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-05
17	ALL	565890.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-05
413	ALL	565650.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-05
213	ALL	565730.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-05
564	ALL	565610.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-05
114	ALL	565790.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-05
65	ALL	565830.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-05
665	ALL	565590.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-05
143	ALL	566370.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-05
102	ALL	566570.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-05
463	ALL	565630.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-05
163	ALL	565750.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-05
766	ALL	565570.5	4191534	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-05
16	ALL	565870.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-05
150	ALL	566510.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-05
312	ALL	565670.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-05
262	ALL	565690.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-05
39	ALL	566330.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-05
64	ALL	565810.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-05
614	ALL	565590.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-05
513	ALL	565610.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-05
113	ALL	565770.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-05
362	ALL	565650.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-05
212	ALL	565710.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-05
715	ALL	565570.5	4191514	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-05
15	ALL	565850.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-05
144	ALL	566390.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-05
91	ALL	566350.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-05
101	ALL	566550.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-05
149	ALL	566490.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-05
412	ALL	565630.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-05
162	ALL	565730.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-05
63	ALL	565790.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-05
563	ALL	565590.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-05
14	ALL	565830.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-05
664	ALL	565570.5	4191494	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-05
112	ALL	565750.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-05
462	ALL	565610.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-05
261	ALL	565670.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-05
148	ALL	566470.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-05
145	ALL	566410.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-05
311	ALL	565650.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-05
211	ALL	565690.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-05
51	ALL	566570.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-05
361	ALL	565630.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-05
100	ALL	566530.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-05
147	ALL	566450.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-05
161	ALL	565710.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-05
146	ALL	566430.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-05
92	ALL	566370.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05
13	ALL	565810.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05
62	ALL	565770.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05
512	ALL	565590.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05
613	ALL	565570.5	4191474	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05
111	ALL	565730.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-05
411	ALL	565610.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-05
40	ALL	566350.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-05
12	ALL	565790.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-05
260	ALL	565650.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-05
210	ALL	565670.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-05
562	ALL	565570.5	4191454	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-05
50	ALL	566550.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-05
61	ALL	565750.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-05
99	ALL	566510.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-05
461	ALL	565590.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-05
310	ALL	565630.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-05
160	ALL	565690.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-05
93	ALL	566390.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-05
360	ALL	565610.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-05
110	ALL	565710.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-05
11	ALL	565770.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-05
511	ALL	565570.5	4191434	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-05
98	ALL	566490.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-05
60	ALL	565730.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-05

410	ALL	565590.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-05
94	ALL	566410.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-05
41	ALL	566370.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-05
209	ALL	565650.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-05
49	ALL	566530.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-05
259	ALL	565630.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-05
159	ALL	565670.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-05
309	ALL	565610.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-05
109	ALL	565690.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-05
97	ALL	566470.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-05
10	ALL	565750.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-05
95	ALL	566430.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-05
460	ALL	565570.5	4191414	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-05
96	ALL	566450.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-05
59	ALL	565710.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-05
359	ALL	565590.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-05
42	ALL	566390.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-05
48	ALL	566510.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-05
208	ALL	565630.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-05
9	ALL	565730.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-05
158	ALL	565650.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-05
409	ALL	565570.5	4191394	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-05
258	ALL	565610.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-05
108	ALL	565670.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-05
58	ALL	565690.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-05
43	ALL	566410.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-05
308	ALL	565590.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-05
47	ALL	566490.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-05
8	ALL	565710.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-05
44	ALL	566430.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-05
358	ALL	565570.5	4191374	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-05
46	ALL	566470.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-05
157	ALL	565630.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-05
45	ALL	566450.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-05
207	ALL	565610.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-05
107	ALL	565650.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-05
57	ALL	565670.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-05
257	ALL	565590.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-05
7	ALL	565690.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-05
307	ALL	565570.5	4191354	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-05
156	ALL	565610.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-05
106	ALL	565630.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-05
206	ALL	565590.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-05
56	ALL	565650.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-05
6	ALL	565670.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-05
256	ALL	565570.5	4191334	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-05
105	ALL	565610.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-05
155	ALL	565590.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-05
55	ALL	565630.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-05
5	ALL	565650.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-05
205	ALL	565570.5	4191314	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-05
54	ALL	565610.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-05
104	ALL	565590.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-05
4	ALL	565630.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-05
154	ALL	565570.5	4191294	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-05
53	ALL	565590.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-05
3	ALL	565610.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-05
103	ALL	565570.5	4191274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-05
2	ALL	565590.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-05
52	ALL	565570.5	4191254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-05
1	ALL	565570.5	4191234	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-05

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** Lakes Environmental AERMOD MPI
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** AERMOD Input Produced by:
** AERMOD View Ver. 10.2.1
** Lakes Environmental Software Inc.
** Date: 7/15/2022
** File: C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.ADI
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** AERMOD Control Pathway
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   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 1671329 Alameda_County_Population
   POLLUTID PM_2.5
   RUNORNOT RUN
   ERRORFIL UCB_LFF_Const.err
CO FINISHED
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** AERMOD Source Pathway
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**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Equipment and Trucks - Exhaust
** PREFIX
** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 10.00
** SZINIT = 4.65
** Nodes = 30
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** 566127.040, 4191858.955, 148.47, 5.00, 4.19
** 566161.864, 4191794.627, 149.52, 5.00, 4.19
** 566250.375, 4191837.190, 156.14, 5.00, 4.19
** 566211.681, 4191910.224, 154.71, 5.00, 4.19
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   LOCATION L0000003     VOLUME   566078.314 4191839.301 147.85
   LOCATION L0000004     VOLUME   566086.660 4191842.667 147.98
   LOCATION L0000005     VOLUME   566095.007 4191846.034 148.00
   LOCATION L0000006     VOLUME   566103.354 4191849.401 148.11
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   LOCATION L0000008     VOLUME   566120.047 4191856.134 148.39
   LOCATION L0000009     VOLUME   566127.735 4191857.671 148.58
   LOCATION L0000010     VOLUME   566132.019 4191849.757 148.45
   LOCATION L0000011     VOLUME   566136.304 4191841.842 148.39
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   LOCATION L0000015     VOLUME   566153.442 4191810.183 148.56
   LOCATION L0000016     VOLUME   566157.727 4191802.269 148.80
   LOCATION L0000017     VOLUME   566162.144 4191794.762 149.52
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   LOCATION L0000021     VOLUME   566194.587 4191810.363 151.44
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   LOCATION L0000024     VOLUME   566218.920 4191822.064 152.09
   LOCATION L0000025     VOLUME   566227.031 4191825.964 152.80
   LOCATION L0000026     VOLUME   566235.142 4191829.865 153.76
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   LOCATION L0000028     VOLUME   566249.861 4191838.160 154.96
   LOCATION L0000029     VOLUME   566245.648 4191846.112 153.51
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LOCATION	L0000045	VOLUME	566145.639	4191882.964	151.36
LOCATION	L0000046	VOLUME	566137.320	4191879.530	151.64
LOCATION	L0000047	VOLUME	566129.001	4191876.097	151.66
LOCATION	L0000048	VOLUME	566120.682	4191872.663	151.43
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LOCATION	L0000050	VOLUME	566104.043	4191865.795	150.34
LOCATION	L0000051	VOLUME	566095.724	4191862.361	149.72
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LOCATION	L0000053	VOLUME	566079.086	4191855.494	149.26
LOCATION	L0000054	VOLUME	566070.766	4191852.060	149.37
LOCATION	L0000055	VOLUME	566073.166	4191844.338	148.43
LOCATION	L0000056	VOLUME	566081.600	4191847.366	148.47
LOCATION	L0000057	VOLUME	566090.056	4191850.447	148.42
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LOCATION	L0000065	VOLUME	566144.827	4191840.261	148.68
LOCATION	L0000066	VOLUME	566149.245	4191832.420	148.67
LOCATION	L0000067	VOLUME	566153.663	4191824.578	148.67
LOCATION	L0000068	VOLUME	566158.080	4191816.737	148.80
LOCATION	L0000069	VOLUME	566162.498	4191808.896	149.06
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LOCATION	L0000074	VOLUME	566202.592	4191824.347	150.38
LOCATION	L0000075	VOLUME	566210.805	4191828.027	150.44
LOCATION	L0000076	VOLUME	566219.018	4191831.707	150.92
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LOCATION	L0000079	VOLUME	566236.552	4191845.317	152.60
LOCATION	L0000080	VOLUME	566232.592	4191853.398	151.53
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LOCATION	L0000082	VOLUME	566224.670	4191869.562	150.93
LOCATION	L0000083	VOLUME	566220.710	4191877.644	151.04
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LOCATION	L0000087	VOLUME	566200.899	4191899.670	153.15
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LOCATION	L0000089	VOLUME	566184.180	4191893.001	151.46
LOCATION	L0000090	VOLUME	566175.820	4191889.666	150.65
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LOCATION	L0000092	VOLUME	566159.102	4191882.997	150.74
LOCATION	L0000093	VOLUME	566150.742	4191879.662	150.85
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LOCATION	L0000097	VOLUME	566142.179	4191858.086	148.92
LOCATION	L0000098	VOLUME	566146.896	4191850.421	148.91
LOCATION	L0000099	VOLUME	566151.613	4191842.756	148.87
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LOCATION	L0000101	VOLUME	566161.047	4191827.426	148.84
LOCATION	L0000102	VOLUME	566165.763	4191819.762	149.07
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LOCATION	L0000104	VOLUME	566182.091	4191825.984	149.32

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   LOCATION L0000109     VOLUME   566223.538 4191843.509 151.17
   LOCATION L0000110     VOLUME   566225.287 4191849.520 151.11
   LOCATION L0000111     VOLUME   566221.462 4191857.666 150.49
   LOCATION L0000112     VOLUME   566217.637 4191865.813 150.55
   LOCATION L0000113     VOLUME   566213.811 4191873.960 150.78
   LOCATION L0000114     VOLUME   566209.986 4191882.106 151.04
   LOCATION L0000115     VOLUME   566206.161 4191890.253 151.43
   LOCATION L0000116     VOLUME   566198.942 4191890.088 151.34
   LOCATION L0000117     VOLUME   566190.508 4191886.947 150.95
   LOCATION L0000118     VOLUME   566182.073 4191883.806 150.57
   LOCATION L0000119     VOLUME   566173.639 4191880.665 150.23
   LOCATION L0000120     VOLUME   566165.205 4191877.524 150.21
   LOCATION L0000121     VOLUME   566156.771 4191874.383 150.27
   LOCATION L0000122     VOLUME   566148.337 4191871.242 150.20
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   LOCATION L0000125     VOLUME   566157.478 4191849.363 149.08
   LOCATION L0000126     VOLUME   566161.952 4191841.553 149.05
   LOCATION L0000127     VOLUME   566166.426 4191833.744 149.04
   LOCATION L0000128     VOLUME   566173.314 4191832.712 149.15
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   LOCATION L0000130     VOLUME   566190.122 4191839.155 149.44
   LOCATION L0000131     VOLUME   566198.526 4191842.376 149.70
   LOCATION L0000132     VOLUME   566206.929 4191845.598 150.09
   LOCATION L0000133     VOLUME   566215.333 4191848.819 150.40
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   LOCATION L0000135     VOLUME   566210.266 4191863.580 150.30
   LOCATION L0000136     VOLUME   566206.126 4191871.571 150.55
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   LOCATION L0000143     VOLUME   566159.210 4191863.429 149.54
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   LOCATION L0000152     VOLUME   566198.476 4191871.725 150.41
   LOCATION L0000153     VOLUME   566191.204 4191871.621 150.27
   LOCATION L0000154     VOLUME   566182.767 4191868.487 149.97
   LOCATION L0000155     VOLUME   566174.331 4191865.354 149.71
   LOCATION L0000156     VOLUME   566169.640 4191860.576 149.48
   LOCATION L0000157     VOLUME   566173.190 4191852.311 149.38
   LOCATION L0000158     VOLUME   566181.344 4191854.453 149.51
   LOCATION L0000159     VOLUME   566189.836 4191857.433 149.65
   LOCATION L0000160     VOLUME   566196.153 4191861.185 149.87
   LOCATION L0000161     VOLUME   566189.629 4191864.000 149.90
   LOCATION L0000162     VOLUME   566181.047 4191861.290 149.66
** End of LINE VOLUME Source ID = SLINE1
   LOCATION PAREA1       AREAPOLY   566062.953  4191848.556      149.510
** DESCRSRC Fugitive Dust
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** Source Parameters **
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   SRCPARAM L0000003     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000004     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000005     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000006     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000007     0.0061728395      5.00      4.19      4.65
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   SRCPARAM L0000009     0.0061728395      5.00      4.19      4.65
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   SRCPARAM L0000021     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000022     0.0061728395      5.00      4.19      4.65
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   SRCPARAM L0000030     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000031     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000032     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000033     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000034     0.0061728395      5.00      4.19      4.65
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   SRCPARAM L0000038     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000039     0.0061728395      5.00      4.19      4.65
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   SRCPARAM L0000041     0.0061728395      5.00      4.19      4.65
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   SRCPARAM L0000043     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000044     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000045     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000046     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000047     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000048     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000049     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000050     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000051     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000052     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000053     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000054     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000055     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000056     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000057     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000058     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000059     0.0061728395      5.00      4.19      4.65
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SRCPARAM	L0000060	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000061	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000062	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000063	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000064	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000065	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000066	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000067	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000068	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000069	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000070	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000071	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000072	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000073	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000074	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000075	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000076	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000077	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000078	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000079	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000080	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000081	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000082	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000083	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000084	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000085	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000086	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000087	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000088	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000089	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000090	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000091	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000092	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000093	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000094	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000095	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000096	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000097	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000098	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000099	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000100	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000101	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000102	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000103	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000104	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000105	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000106	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000107	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000108	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000109	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000110	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000111	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000112	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000113	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000114	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000115	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000116	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000117	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000118	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000119	0.0061728395	5.00	4.19	4.65
SRCPARAM	L0000120	0.0061728395	5.00	4.19	4.65

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   SRCPARAM L0000121     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000122     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000123     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000124     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000125     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000126     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000127     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000128     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000129     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000130     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000131     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000132     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000133     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000134     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000135     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000136     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000137     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000138     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000139     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000140     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000141     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000142     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000143     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000144     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000145     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000146     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000147     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000148     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000149     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000150     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000151     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000152     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000153     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000154     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000155     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000156     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000157     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000158     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000159     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000160     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000161     0.0061728395      5.00      4.19      4.65
   SRCPARAM L0000162     0.0061728395      5.00      4.19      4.65
** ----------------------------------------------------------------------
   SRCPARAM PAREA1       0.0001008814     2.000         6     0.000
   AREAVERT PAREA1       566062.953 4191848.556 566071.659 4191832.111
   AREAVERT PAREA1       566128.248 4191857.746 566162.105 4191792.934
   AREAVERT PAREA1       566252.068 4191837.915 566211.924 4191912.884
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Seven Days (HRDOW7)"
** Variable Emission Scenario: "Scenario 1"
   EMISFACT L0000001     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000001     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000001     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000002     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000002     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000003     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000003     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000004     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000004     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000005     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000005     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000005     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000006     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000006     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000006     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000007     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000007     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000007     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000008     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000008     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000009     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000009     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000010     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000010     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000011     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000011     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000012     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000012     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000013     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000013     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000014     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000014     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000015     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000015     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000016     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000016     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000017     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000017     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000018     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000018     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000019     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000019     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000020     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000020     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000021     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000021     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000022     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000022     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000023     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000023     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000024     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000024     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000025     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000025     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000026     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000027     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000027     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000028     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000028     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000029     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000030     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000031     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000032     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000032     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000033     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000033     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000034     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000034     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000035     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000035     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000036     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000036     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000037     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000037     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000038     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000038     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000039     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000039     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000041     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000042     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000042     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000043     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000043     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000044     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000044     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000021     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000022     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000022     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000023     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000024     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000065     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000068     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000005     HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000046     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000107     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000128     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000034     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000067     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000088     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000149     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000008     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000048     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000068     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000088     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000065     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000066     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000067     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000089     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000109     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000130     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000130     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000136     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000138     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000140     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000141     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000150     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000162     HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT PAREA1       HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT PAREA1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT PAREA1       HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT PAREA1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT PAREA1       HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT PAREA1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT PAREA1       HRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT PAREA1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1       HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
SRCGROUP PAREA1   PAREA1
SRCGROUP SLINE1   L0000001 L0000002 L0000003 L0000004 L0000005 L0000006
SRCGROUP SLINE1   L0000007 L0000008 L0000009 L0000010 L0000011 L0000012
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   SRCGROUP SLINE1   L0000013 L0000014 L0000015 L0000016 L0000017 L0000018
   SRCGROUP SLINE1   L0000019 L0000020 L0000021 L0000022 L0000023 L0000024
   SRCGROUP SLINE1   L0000025 L0000026 L0000027 L0000028 L0000029 L0000030
   SRCGROUP SLINE1   L0000031 L0000032 L0000033 L0000034 L0000035 L0000036
   SRCGROUP SLINE1   L0000037 L0000038 L0000039 L0000040 L0000041 L0000042
   SRCGROUP SLINE1   L0000043 L0000044 L0000045 L0000046 L0000047 L0000048
   SRCGROUP SLINE1   L0000049 L0000050 L0000051 L0000052 L0000053 L0000054
   SRCGROUP SLINE1   L0000055 L0000056 L0000057 L0000058 L0000059 L0000060
   SRCGROUP SLINE1   L0000061 L0000062 L0000063 L0000064 L0000065 L0000066
   SRCGROUP SLINE1   L0000067 L0000068 L0000069 L0000070 L0000071 L0000072
   SRCGROUP SLINE1   L0000073 L0000074 L0000075 L0000076 L0000077 L0000078
   SRCGROUP SLINE1   L0000079 L0000080 L0000081 L0000082 L0000083 L0000084
   SRCGROUP SLINE1   L0000085 L0000086 L0000087 L0000088 L0000089 L0000090
   SRCGROUP SLINE1   L0000091 L0000092 L0000093 L0000094 L0000095 L0000096
   SRCGROUP SLINE1   L0000097 L0000098 L0000099 L0000100 L0000101 L0000102
   SRCGROUP SLINE1   L0000103 L0000104 L0000105 L0000106 L0000107 L0000108
   SRCGROUP SLINE1   L0000109 L0000110 L0000111 L0000112 L0000113 L0000114
   SRCGROUP SLINE1   L0000115 L0000116 L0000117 L0000118 L0000119 L0000120
   SRCGROUP SLINE1   L0000121 L0000122 L0000123 L0000124 L0000125 L0000126
   SRCGROUP SLINE1   L0000127 L0000128 L0000129 L0000130 L0000131 L0000132
   SRCGROUP SLINE1   L0000133 L0000134 L0000135 L0000136 L0000137 L0000138
   SRCGROUP SLINE1   L0000139 L0000140 L0000141 L0000142 L0000143 L0000144
   SRCGROUP SLINE1   L0000145 L0000146 L0000147 L0000148 L0000149 L0000150
   SRCGROUP SLINE1   L0000151 L0000152 L0000153 L0000154 L0000155 L0000156
   SRCGROUP SLINE1   L0000157 L0000158 L0000159 L0000160 L0000161 L0000162
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED UCB_LFF_Const.rou
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
   SURFFILE "C:\Users\mmorales\Dropbox\12545 - UCB Softball\_AQ Data\Construction HRA\Met Data\724930
- Oakland Intl Airport\724930.SFC"
   PROFFILE "C:\Users\mmorales\Dropbox\12545 - UCB Softball\_AQ Data\Construction HRA\Met Data\724930
- Oakland Intl Airport\724930.PFL"
   SURFDATA 23230 2009 OAKLAND/WSO_AP
   UAIRDATA 23230 2009 OAKLAND/WSO_AP
   PROFBASE 1.8 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
```

```
   PLOTFILE 1 ALL 1ST UCB_LFF_Const.AD\01H1GALL.PLT 31
   PLOTFILE 1 PAREA1 1ST UCB_LFF_Const.AD\01H1G001.PLT 32
   PLOTFILE 1 SLINE1 1ST UCB_LFF_Const.AD\01H1G002.PLT 33
   PLOTFILE PERIOD ALL UCB_LFF_Const.AD\PE00GALL.PLT 34
   PLOTFILE PERIOD PAREA1 UCB_LFF_Const.AD\PE00G001.PLT 35
   PLOTFILE PERIOD SLINE1 UCB_LFF_Const.AD\PE00G002.PLT 36
   SUMMFILE UCB_LFF_Const.sum
OU FINISHED

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

↑ *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 **Model Is Setup For Calculation of Average CONCentration Values.

   --  DEPOSITION LOGIC  --
 **NO GAS DEPOSITION Data Provided.
 **NO PARTICLE DEPOSITION Data Provided.
 **Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
 **Model Uses NO WET DEPLETION.  WETDPLT  =  F

 **Model Uses URBAN Dispersion Algorithm for the SBL for   163 Source(s),
   for Total of    1 Urban Area(s):
   Urban Population =   1671329.0 ;  Urban Roughness Length =  1.000 m

 **Model Uses Regulatory DEFAULT Options:
         1. Stack-tip Downwash.
         2. Model Accounts for ELEVated Terrain Effects.
         3. Use Calms Processing Routine.
         4. Use Missing Data Processing Routine.
         5. No Exponential Decay.
         6. Urban Roughness Length of 1.0 Meter Assumed.

 **Other Options Specified:
         CCVR_Sub - Meteorological data includes CCVR substitutions
         TEMP_Sub - Meteorological data includes TEMP substitutions

 **Model Assumes No FLAGPOLE Receptor Heights.

 **The User Specified a Pollutant Type of:  PM_2.5

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

 **This Run Includes:    163 Source(s);       3 Source Group(s); and    1389 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    162 VOLUME source(s)
```

```
                and:      1 AREA type source(s)
                and:      0 LINE source(s)
                and:      0 RLINE/RLINEXT source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with a total of     0 line(s)


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

 **The AERMET Input Meteorological Data Version Date:  14134

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

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

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =     1.80 ;  Decay Coef. =    0.000     ;
 Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                                ;  Emission Rate Unit
Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      4.1 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   UCB_LFF_Const.err

 **File for Summary of Results:   UCB_LFF_Const.sum

 *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN


                                                *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.   URBAN
EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ     SOURCE
SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS) (METERS)
BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - -

 L0000001         0   0.61728E-02  566065.7 4191843.3   148.7     5.00     4.19     4.65     YES
HRDOW7
 L0000002         0   0.61728E-02  566070.0 4191835.9   147.7     5.00     4.19     4.65     YES
```

HRDOW7										
L0000003	0	0.61728E-02	566078.3	4191839.3	147.9	5.00	4.19	4.65	YES	
HRDOW7										
L0000004	0	0.61728E-02	566086.7	4191842.7	148.0	5.00	4.19	4.65	YES	
HRDOW7										
L0000005	0	0.61728E-02	566095.0	4191846.0	148.0	5.00	4.19	4.65	YES	
HRDOW7										
L0000006	0	0.61728E-02	566103.4	4191849.4	148.1	5.00	4.19	4.65	YES	
HRDOW7										
L0000007	0	0.61728E-02	566111.7	4191852.8	148.3	5.00	4.19	4.65	YES	
HRDOW7										
L0000008	0	0.61728E-02	566120.0	4191856.1	148.4	5.00	4.19	4.65	YES	
HRDOW7										
L0000009	0	0.61728E-02	566127.7	4191857.7	148.6	5.00	4.19	4.65	YES	
HRDOW7										
L0000010	0	0.61728E-02	566132.0	4191849.8	148.5	5.00	4.19	4.65	YES	
HRDOW7										
L0000011	0	0.61728E-02	566136.3	4191841.8	148.4	5.00	4.19	4.65	YES	
HRDOW7										
L0000012	0	0.61728E-02	566140.6	4191833.9	148.4	5.00	4.19	4.65	YES	
HRDOW7										
L0000013	0	0.61728E-02	566144.9	4191826.0	148.4	5.00	4.19	4.65	YES	
HRDOW7										
L0000014	0	0.61728E-02	566149.2	4191818.1	148.5	5.00	4.19	4.65	YES	
HRDOW7										
L0000015	0	0.61728E-02	566153.4	4191810.2	148.6	5.00	4.19	4.65	YES	
HRDOW7										
L0000016	0	0.61728E-02	566157.7	4191802.3	148.8	5.00	4.19	4.65	YES	
HRDOW7										
L0000017	0	0.61728E-02	566162.1	4191794.8	149.5	5.00	4.19	4.65	YES	
HRDOW7										
L0000018	0	0.61728E-02	566170.3	4191798.7	149.8	5.00	4.19	4.65	YES	
HRDOW7										
L0000019	0	0.61728E-02	566178.4	4191802.6	150.5	5.00	4.19	4.65	YES	
HRDOW7										
L0000020	0	0.61728E-02	566186.5	4191806.5	151.1	5.00	4.19	4.65	YES	
HRDOW7										
L0000021	0	0.61728E-02	566194.6	4191810.4	151.4	5.00	4.19	4.65	YES	
HRDOW7										
L0000022	0	0.61728E-02	566202.7	4191814.3	151.8	5.00	4.19	4.65	YES	
HRDOW7										
L0000023	0	0.61728E-02	566210.8	4191818.2	152.0	5.00	4.19	4.65	YES	
HRDOW7										
L0000024	0	0.61728E-02	566218.9	4191822.1	152.1	5.00	4.19	4.65	YES	
HRDOW7										
L0000025	0	0.61728E-02	566227.0	4191826.0	152.8	5.00	4.19	4.65	YES	
HRDOW7										
L0000026	0	0.61728E-02	566235.1	4191829.9	153.8	5.00	4.19	4.65	YES	
HRDOW7										
L0000027	0	0.61728E-02	566243.3	4191833.8	154.8	5.00	4.19	4.65	YES	
HRDOW7										
L0000028	0	0.61728E-02	566249.9	4191838.2	155.0	5.00	4.19	4.65	YES	
HRDOW7										
L0000029	0	0.61728E-02	566245.6	4191846.1	153.5	5.00	4.19	4.65	YES	
HRDOW7										
L0000030	0	0.61728E-02	566241.4	4191854.1	152.2	5.00	4.19	4.65	YES	
HRDOW7										
L0000031	0	0.61728E-02	566237.2	4191862.0	151.4	5.00	4.19	4.65	YES	
HRDOW7										
L0000032	0	0.61728E-02	566233.0	4191870.0	151.2	5.00	4.19	4.65	YES	
HRDOW7										

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 L0000033         0   0.61728E-02  566228.8 4191877.9   151.2     5.00     4.19     4.65     YES
HRDOW7
 L0000034         0   0.61728E-02  566224.6 4191885.9   151.4     5.00     4.19     4.65     YES
HRDOW7
 L0000035         0   0.61728E-02  566220.4 4191893.8   152.2     5.00     4.19     4.65     YES
HRDOW7
 L0000036         0   0.61728E-02  566216.2 4191901.8   153.6     5.00     4.19     4.65     YES
HRDOW7
 L0000037         0   0.61728E-02  566211.9 4191909.7   155.0     5.00     4.19     4.65     YES
HRDOW7
 L0000038         0   0.61728E-02  566203.9 4191907.0   154.5     5.00     4.19     4.65     YES
HRDOW7
 L0000039         0   0.61728E-02  566195.6 4191903.6   153.9     5.00     4.19     4.65     YES
HRDOW7
 L0000040         0   0.61728E-02  566187.2 4191900.1   152.8     5.00     4.19     4.65     YES
HRDOW7
 *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN


                                                *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.   URBAN
EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ     SOURCE
SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS) (METERS)
BY
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- - - - - - - - - -

 L0000041         0   0.61728E-02  566178.9 4191896.7   151.8     5.00     4.19     4.65     YES
HRDOW7
 L0000042         0   0.61728E-02  566170.6 4191893.3   151.0     5.00     4.19     4.65     YES
HRDOW7
 L0000043         0   0.61728E-02  566162.3 4191889.8   151.0     5.00     4.19     4.65     YES
HRDOW7
 L0000044         0   0.61728E-02  566154.0 4191886.4   151.2     5.00     4.19     4.65     YES
HRDOW7
 L0000045         0   0.61728E-02  566145.6 4191883.0   151.4     5.00     4.19     4.65     YES
HRDOW7
 L0000046         0   0.61728E-02  566137.3 4191879.5   151.6     5.00     4.19     4.65     YES
HRDOW7
 L0000047         0   0.61728E-02  566129.0 4191876.1   151.7     5.00     4.19     4.65     YES
HRDOW7
 L0000048         0   0.61728E-02  566120.7 4191872.7   151.4     5.00     4.19     4.65     YES
HRDOW7
 L0000049         0   0.61728E-02  566112.4 4191869.2   150.9     5.00     4.19     4.65     YES
HRDOW7
 L0000050         0   0.61728E-02  566104.0 4191865.8   150.3     5.00     4.19     4.65     YES
HRDOW7
 L0000051         0   0.61728E-02  566095.7 4191862.4   149.7     5.00     4.19     4.65     YES
HRDOW7
 L0000052         0   0.61728E-02  566087.4 4191858.9   149.3     5.00     4.19     4.65     YES
HRDOW7
 L0000053         0   0.61728E-02  566079.1 4191855.5   149.3     5.00     4.19     4.65     YES
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HRDOW7
 L0000054         0   0.61728E-02  566070.8 4191852.1   149.4     5.00     4.19     4.65     YES
HRDOW7
 L0000055         0   0.61728E-02  566073.2 4191844.3   148.4     5.00     4.19     4.65     YES
HRDOW7
 L0000056         0   0.61728E-02  566081.6 4191847.4   148.5     5.00     4.19     4.65     YES
HRDOW7
 L0000057         0   0.61728E-02  566090.1 4191850.4   148.4     5.00     4.19     4.65     YES
HRDOW7
 L0000058         0   0.61728E-02  566098.5 4191853.5   148.3     5.00     4.19     4.65     YES
HRDOW7
 L0000059         0   0.61728E-02  566107.0 4191856.6   148.4     5.00     4.19     4.65     YES
HRDOW7
 L0000060         0   0.61728E-02  566115.4 4191859.7   148.8     5.00     4.19     4.65     YES
HRDOW7
 L0000061         0   0.61728E-02  566123.9 4191862.8   149.4     5.00     4.19     4.65     YES
HRDOW7
 L0000062         0   0.61728E-02  566131.6 4191863.8   149.6     5.00     4.19     4.65     YES
HRDOW7
 L0000063         0   0.61728E-02  566136.0 4191855.9   148.7     5.00     4.19     4.65     YES
HRDOW7
 L0000064         0   0.61728E-02  566140.4 4191848.1   148.7     5.00     4.19     4.65     YES
HRDOW7
 L0000065         0   0.61728E-02  566144.8 4191840.3   148.7     5.00     4.19     4.65     YES
HRDOW7
 L0000066         0   0.61728E-02  566149.2 4191832.4   148.7     5.00     4.19     4.65     YES
HRDOW7
 L0000067         0   0.61728E-02  566153.7 4191824.6   148.7     5.00     4.19     4.65     YES
HRDOW7
 L0000068         0   0.61728E-02  566158.1 4191816.7   148.8     5.00     4.19     4.65     YES
HRDOW7
 L0000069         0   0.61728E-02  566162.5 4191808.9   149.1     5.00     4.19     4.65     YES
HRDOW7
 L0000070         0   0.61728E-02  566169.7 4191809.6   149.5     5.00     4.19     4.65     YES
HRDOW7
 L0000071         0   0.61728E-02  566178.0 4191813.3   149.9     5.00     4.19     4.65     YES
HRDOW7
 L0000072         0   0.61728E-02  566186.2 4191817.0   150.2     5.00     4.19     4.65     YES
HRDOW7
 L0000073         0   0.61728E-02  566194.4 4191820.7   150.2     5.00     4.19     4.65     YES
HRDOW7
 L0000074         0   0.61728E-02  566202.6 4191824.3   150.4     5.00     4.19     4.65     YES
HRDOW7
 L0000075         0   0.61728E-02  566210.8 4191828.0   150.4     5.00     4.19     4.65     YES
HRDOW7
 L0000076         0   0.61728E-02  566219.0 4191831.7   150.9     5.00     4.19     4.65     YES
HRDOW7
 L0000077         0   0.61728E-02  566227.2 4191835.4   152.1     5.00     4.19     4.65     YES
HRDOW7
 L0000078         0   0.61728E-02  566235.4 4191839.1   153.0     5.00     4.19     4.65     YES
HRDOW7
 L0000079         0   0.61728E-02  566236.6 4191845.3   152.6     5.00     4.19     4.65     YES
HRDOW7
 L0000080         0   0.61728E-02  566232.6 4191853.4   151.5     5.00     4.19     4.65     YES
HRDOW7
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000081	0	0.61728E-02	566228.6	4191861.5	150.9	5.00	4.19	4.65	YES	HRDOW7
L0000082	0	0.61728E-02	566224.7	4191869.6	150.9	5.00	4.19	4.65	YES	HRDOW7
L0000083	0	0.61728E-02	566220.7	4191877.6	151.0	5.00	4.19	4.65	YES	HRDOW7
L0000084	0	0.61728E-02	566216.7	4191885.7	151.3	5.00	4.19	4.65	YES	HRDOW7
L0000085	0	0.61728E-02	566212.8	4191893.8	152.1	5.00	4.19	4.65	YES	HRDOW7
L0000086	0	0.61728E-02	566208.8	4191901.9	153.6	5.00	4.19	4.65	YES	HRDOW7
L0000087	0	0.61728E-02	566200.9	4191899.7	153.2	5.00	4.19	4.65	YES	HRDOW7
L0000088	0	0.61728E-02	566192.5	4191896.3	152.4	5.00	4.19	4.65	YES	HRDOW7
L0000089	0	0.61728E-02	566184.2	4191893.0	151.5	5.00	4.19	4.65	YES	HRDOW7
L0000090	0	0.61728E-02	566175.8	4191889.7	150.7	5.00	4.19	4.65	YES	HRDOW7
L0000091	0	0.61728E-02	566167.5	4191886.3	150.5	5.00	4.19	4.65	YES	HRDOW7
L0000092	0	0.61728E-02	566159.1	4191883.0	150.7	5.00	4.19	4.65	YES	HRDOW7
L0000093	0	0.61728E-02	566150.7	4191879.7	150.9	5.00	4.19	4.65	YES	HRDOW7
L0000094	0	0.61728E-02	566142.4	4191876.3	150.9	5.00	4.19	4.65	YES	HRDOW7
L0000095	0	0.61728E-02	566134.0	4191873.0	150.9	5.00	4.19	4.65	YES	HRDOW7
L0000096	0	0.61728E-02	566137.5	4191865.8	149.8	5.00	4.19	4.65	YES	HRDOW7
L0000097	0	0.61728E-02	566142.2	4191858.1	148.9	5.00	4.19	4.65	YES	HRDOW7
L0000098	0	0.61728E-02	566146.9	4191850.4	148.9	5.00	4.19	4.65	YES	HRDOW7
L0000099	0	0.61728E-02	566151.6	4191842.8	148.9	5.00	4.19	4.65	YES	HRDOW7
L0000100	0	0.61728E-02	566156.3	4191835.1	148.9	5.00	4.19	4.65	YES	HRDOW7
L0000101	0	0.61728E-02	566161.0	4191827.4	148.8	5.00	4.19	4.65	YES	HRDOW7
L0000102	0	0.61728E-02	566165.8	4191819.8	149.1	5.00	4.19	4.65	YES	HRDOW7
L0000103	0	0.61728E-02	566173.8	4191822.5	149.3	5.00	4.19	4.65	YES	HRDOW7
L0000104	0	0.61728E-02	566182.1	4191826.0	149.3	5.00	4.19	4.65	YES	

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HRDOW7
 L0000105         0   0.61728E-02  566190.4 4191829.5   149.3     5.00     4.19     4.65     YES
HRDOW7
 L0000106         0   0.61728E-02  566198.7 4191833.0   149.7     5.00     4.19     4.65     YES
HRDOW7
 L0000107         0   0.61728E-02  566207.0 4191836.5   150.1     5.00     4.19     4.65     YES
HRDOW7
 L0000108         0   0.61728E-02  566215.2 4191840.0   150.6     5.00     4.19     4.65     YES
HRDOW7
 L0000109         0   0.61728E-02  566223.5 4191843.5   151.2     5.00     4.19     4.65     YES
HRDOW7
 L0000110         0   0.61728E-02  566225.3 4191849.5   151.1     5.00     4.19     4.65     YES
HRDOW7
 L0000111         0   0.61728E-02  566221.5 4191857.7   150.5     5.00     4.19     4.65     YES
HRDOW7
 L0000112         0   0.61728E-02  566217.6 4191865.8   150.6     5.00     4.19     4.65     YES
HRDOW7
 L0000113         0   0.61728E-02  566213.8 4191874.0   150.8     5.00     4.19     4.65     YES
HRDOW7
 L0000114         0   0.61728E-02  566210.0 4191882.1   151.0     5.00     4.19     4.65     YES
HRDOW7
 L0000115         0   0.61728E-02  566206.2 4191890.3   151.4     5.00     4.19     4.65     YES
HRDOW7
 L0000116         0   0.61728E-02  566198.9 4191890.1   151.3     5.00     4.19     4.65     YES
HRDOW7
 L0000117         0   0.61728E-02  566190.5 4191886.9   151.0     5.00     4.19     4.65     YES
HRDOW7
 L0000118         0   0.61728E-02  566182.1 4191883.8   150.6     5.00     4.19     4.65     YES
HRDOW7
 L0000119         0   0.61728E-02  566173.6 4191880.7   150.2     5.00     4.19     4.65     YES
HRDOW7
 L0000120         0   0.61728E-02  566165.2 4191877.5   150.2     5.00     4.19     4.65     YES
HRDOW7
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                                                *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.   URBAN
EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ     SOURCE
SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS) (METERS)
BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0000121         0   0.61728E-02  566156.8 4191874.4   150.3     5.00     4.19     4.65     YES
HRDOW7
 L0000122         0   0.61728E-02  566148.3 4191871.2   150.2     5.00     4.19     4.65     YES
HRDOW7
 L0000123         0   0.61728E-02  566148.5 4191865.0   149.7     5.00     4.19     4.65     YES
HRDOW7
 L0000124         0   0.61728E-02  566153.0 4191857.2   149.1     5.00     4.19     4.65     YES
HRDOW7
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L0000125	0	0.61728E-02	566157.5	4191849.4	149.1	5.00	4.19	4.65	YES	HRDOW7
L0000126	0	0.61728E-02	566162.0	4191841.6	149.1	5.00	4.19	4.65	YES	HRDOW7
L0000127	0	0.61728E-02	566166.4	4191833.7	149.0	5.00	4.19	4.65	YES	HRDOW7
L0000128	0	0.61728E-02	566173.3	4191832.7	149.2	5.00	4.19	4.65	YES	HRDOW7
L0000129	0	0.61728E-02	566181.7	4191835.9	149.3	5.00	4.19	4.65	YES	HRDOW7
L0000130	0	0.61728E-02	566190.1	4191839.2	149.4	5.00	4.19	4.65	YES	HRDOW7
L0000131	0	0.61728E-02	566198.5	4191842.4	149.7	5.00	4.19	4.65	YES	HRDOW7
L0000132	0	0.61728E-02	566206.9	4191845.6	150.1	5.00	4.19	4.65	YES	HRDOW7
L0000133	0	0.61728E-02	566215.3	4191848.8	150.4	5.00	4.19	4.65	YES	HRDOW7
L0000134	0	0.61728E-02	566214.4	4191855.6	150.3	5.00	4.19	4.65	YES	HRDOW7
L0000135	0	0.61728E-02	566210.3	4191863.6	150.3	5.00	4.19	4.65	YES	HRDOW7
L0000136	0	0.61728E-02	566206.1	4191871.6	150.6	5.00	4.19	4.65	YES	HRDOW7
L0000137	0	0.61728E-02	566202.0	4191879.6	150.8	5.00	4.19	4.65	YES	HRDOW7
L0000138	0	0.61728E-02	566195.9	4191882.2	150.9	5.00	4.19	4.65	YES	HRDOW7
L0000139	0	0.61728E-02	566187.5	4191878.8	150.5	5.00	4.19	4.65	YES	HRDOW7
L0000140	0	0.61728E-02	566179.2	4191875.4	150.2	5.00	4.19	4.65	YES	HRDOW7
L0000141	0	0.61728E-02	566170.9	4191872.0	149.9	5.00	4.19	4.65	YES	HRDOW7
L0000142	0	0.61728E-02	566162.5	4191868.6	149.8	5.00	4.19	4.65	YES	HRDOW7
L0000143	0	0.61728E-02	566159.2	4191863.4	149.5	5.00	4.19	4.65	YES	HRDOW7
L0000144	0	0.61728E-02	566163.7	4191855.6	149.3	5.00	4.19	4.65	YES	HRDOW7
L0000145	0	0.61728E-02	566168.1	4191847.8	149.2	5.00	4.19	4.65	YES	HRDOW7
L0000146	0	0.61728E-02	566174.0	4191843.7	149.3	5.00	4.19	4.65	YES	HRDOW7
L0000147	0	0.61728E-02	566182.5	4191846.6	149.4	5.00	4.19	4.65	YES	HRDOW7
L0000148	0	0.61728E-02	566191.0	4191849.5	149.6	5.00	4.19	4.65	YES	HRDOW7
L0000149	0	0.61728E-02	566199.5	4191852.4	149.8	5.00	4.19	4.65	YES	HRDOW7
L0000150	0	0.61728E-02	566206.8	4191855.8	150.0	5.00	4.19	4.65	YES	HRDOW7
L0000151	0	0.61728E-02	566202.6	4191863.7	150.1	5.00	4.19	4.65	YES	HRDOW7
L0000152	0	0.61728E-02	566198.5	4191871.7	150.4	5.00	4.19	4.65	YES	HRDOW7
L0000153	0	0.61728E-02	566191.2	4191871.6	150.3	5.00	4.19	4.65	YES	HRDOW7
L0000154	0	0.61728E-02	566182.8	4191868.5	150.0	5.00	4.19	4.65	YES	HRDOW7
L0000155	0	0.61728E-02	566174.3	4191865.4	149.7	5.00	4.19	4.65	YES	

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HRDOW7
 L0000156         0   0.61728E-02  566169.6 4191860.6   149.5     5.00     4.19     4.65     YES
HRDOW7
 L0000157         0   0.61728E-02  566173.2 4191852.3   149.4     5.00     4.19     4.65     YES
HRDOW7
 L0000158         0   0.61728E-02  566181.3 4191854.5   149.5     5.00     4.19     4.65     YES
HRDOW7
 L0000159         0   0.61728E-02  566189.8 4191857.4   149.7     5.00     4.19     4.65     YES
HRDOW7
 L0000160         0   0.61728E-02  566196.2 4191861.2   149.9     5.00     4.19     4.65     YES
HRDOW7
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                                                *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.   URBAN
EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ     SOURCE
SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS) (METERS)
BY
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 L0000161         0   0.61728E-02  566189.6 4191864.0   149.9     5.00     4.19     4.65     YES
HRDOW7
 L0000162         0   0.61728E-02  566181.0 4191861.3   149.7     5.00     4.19     4.65     YES
HRDOW7
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                                                *** AREAPOLY SOURCE DATA ***

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

 PAREA1           0   0.10088E-03  566063.0 4191848.6   149.5     2.00       6         0.00     YES
HRDOW7
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
PAREA1	PAREA1 ,
SLINE1	L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 ,
	L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 ,
	L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 ,
	L0000025 , L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 ,
	L0000033 , L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 ,
	L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 ,
	L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 ,
	L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , L0000062 , L0000063 , L0000064 ,
	L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 , L0000071 , L0000072 ,
	L0000073 , L0000074 , L0000075 , L0000076 , L0000077 , L0000078 , L0000079 , L0000080 ,
	L0000081 , L0000082 , L0000083 , L0000084 , L0000085 , L0000086 , L0000087 , L0000088 ,
	L0000089 , L0000090 , L0000091 , L0000092 , L0000093 , L0000094 , L0000095 , L0000096 ,
	L0000097 , L0000098 , L0000099 , L0000100 , L0000101 , L0000102 , L0000103 , L0000104 ,
	L0000105 , L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 ,
	L0000113 , L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 ,
	L0000121 , L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 ,

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             L0000129    , L0000130    , L0000131    , L0000132    , L0000133    , L0000134    ,
L0000135    , L0000136    ,

             L0000137    , L0000138    , L0000139    , L0000140    , L0000141    , L0000142    ,
L0000143    , L0000144    ,

             L0000145    , L0000146    , L0000147    , L0000148    , L0000149    , L0000150    ,
L0000151    , L0000152    ,
*** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE   9
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                              SOURCE IDs
 -----------                                              ----------


             L0000153    , L0000154    , L0000155    , L0000156    , L0000157    , L0000158    ,
L0000159    , L0000160    ,

             L0000161    , L0000162    ,

  ALL        L0000001    , L0000002    , L0000003    , L0000004    , L0000005    , L0000006    ,
L0000007    , L0000008    ,

             L0000009    , L0000010    , L0000011    , L0000012    , L0000013    , L0000014    ,
L0000015    , L0000016    ,

             L0000017    , L0000018    , L0000019    , L0000020    , L0000021    , L0000022    ,
L0000023    , L0000024    ,

             L0000025    , L0000026    , L0000027    , L0000028    , L0000029    , L0000030    ,
L0000031    , L0000032    ,

             L0000033    , L0000034    , L0000035    , L0000036    , L0000037    , L0000038    ,
L0000039    , L0000040    ,

             L0000041    , L0000042    , L0000043    , L0000044    , L0000045    , L0000046    ,
L0000047    , L0000048    ,

             L0000049    , L0000050    , L0000051    , L0000052    , L0000053    , L0000054    ,
L0000055    , L0000056    ,

             L0000057    , L0000058    , L0000059    , L0000060    , L0000061    , L0000062    ,
L0000063    , L0000064    ,

             L0000065    , L0000066    , L0000067    , L0000068    , L0000069    , L0000070    ,
L0000071    , L0000072    ,

             L0000073    , L0000074    , L0000075    , L0000076    , L0000077    , L0000078    ,
L0000079    , L0000080    ,

             L0000081    , L0000082    , L0000083    , L0000084    , L0000085    , L0000086    ,
L0000087    , L0000088    ,
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L0000095    , L0000096    ,

             L0000097    , L0000098    , L0000099    , L0000100    , L0000101    , L0000102    ,
L0000103    , L0000104    ,

             L0000105    , L0000106    , L0000107    , L0000108    , L0000109    , L0000110    ,
L0000111    , L0000112    ,

             L0000113    , L0000114    , L0000115    , L0000116    , L0000117    , L0000118    ,
L0000119    , L0000120    ,

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L0000127    , L0000128    ,

             L0000129    , L0000130    , L0000131    , L0000132    , L0000133    , L0000134    ,
L0000135    , L0000136    ,

             L0000137    , L0000138    , L0000139    , L0000140    , L0000141    , L0000142    ,
L0000143    , L0000144    ,
```


*** SOURCE IDs DEFINING SOURCE GROUPS ***

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 SRCGROUP ID                                            SOURCE IDs
 -----------                                            ----------


             L0000145    , L0000146    , L0000147    , L0000148    , L0000149    , L0000150    ,
L0000151    , L0000152    ,

             L0000153    , L0000154    , L0000155    , L0000156    , L0000157    , L0000158    ,
L0000159    , L0000160    ,

             L0000161    , L0000162    , PAREA1      ,
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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

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  URBAN ID   URBAN POP                                   SOURCE IDs
  --------   ---------                                   ----------


              1671329.   L0000001    , L0000002    , L0000003    , L0000004    , L0000005    ,
L0000006    , L0000007    ,
 L0000008    ,
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             L0000009    , L0000010    , L0000011    , L0000012    , L0000013    , L0000014    ,
L0000015    , L0000016    ,

             L0000017    , L0000018    , L0000019    , L0000020    , L0000021    , L0000022    ,
L0000023    , L0000024    ,

             L0000025    , L0000026    , L0000027    , L0000028    , L0000029    , L0000030    ,
L0000031    , L0000032    ,

             L0000033    , L0000034    , L0000035    , L0000036    , L0000037    , L0000038    ,
L0000039    , L0000040    ,

             L0000041    , L0000042    , L0000043    , L0000044    , L0000045    , L0000046    ,
L0000047    , L0000048    ,

             L0000049    , L0000050    , L0000051    , L0000052    , L0000053    , L0000054    ,
L0000055    , L0000056    ,

             L0000057    , L0000058    , L0000059    , L0000060    , L0000061    , L0000062    ,
L0000063    , L0000064    ,

             L0000065    , L0000066    , L0000067    , L0000068    , L0000069    , L0000070    ,
L0000071    , L0000072    ,

             L0000073    , L0000074    , L0000075    , L0000076    , L0000077    , L0000078    ,
L0000079    , L0000080    ,

             L0000081    , L0000082    , L0000083    , L0000084    , L0000085    , L0000086    ,
L0000087    , L0000088    ,

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L0000095    , L0000096    ,

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L0000103    , L0000104    ,

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L0000111    , L0000112    ,

             L0000113    , L0000114    , L0000115    , L0000116    , L0000117    , L0000118    ,
L0000119    , L0000120    ,

             L0000121    , L0000122    , L0000123    , L0000124    , L0000125    , L0000126    ,
L0000127    , L0000128    ,

             L0000129    , L0000130    , L0000131    , L0000132    , L0000133    , L0000134    ,
L0000135    , L0000136    ,

             L0000137    , L0000138    , L0000139    , L0000140    , L0000141    , L0000142    ,
L0000143    , L0000144    ,

             L0000145    , L0000146    , L0000147    , L0000148    , L0000149    , L0000150    ,
L0000151    , L0000152    ,

             L0000153    , L0000154    , L0000155    , L0000156    , L0000157    , L0000158    ,
L0000159    , L0000160    ,
 *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55
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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
		L0000161 , L0000162 , PAREA1 ,

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

SOURCE ID = L0000001 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = WEDNESDY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = THURSDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = FRIDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

```
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
*** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000002     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
```

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.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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                     * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000003     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                              DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = FRIDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
*** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE  16
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000004     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
*** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE  17
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000005     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
```

```
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
```

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

 SOURCE ID = L0000006     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                             DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
```

```
.0000E+00   24  .0000E+00
                                                  DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                  DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
```

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

 SOURCE ID = L0000007     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                  DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                  DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                  DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000008     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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```
                                                  DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                  DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                  DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000009     ; SOURCE TYPE = VOLUME    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                  DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                  DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
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.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000010     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                              DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = TUESDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
*** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE  23
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000011     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000012     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
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.0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15
.4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23
.0000E+00   24 .0000E+00

DAY OF WEEK = TUESDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7
.0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15
.4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23
.0000E+00   24 .0000E+00

DAY OF WEEK = WEDNESDY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7
.0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15
.4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23
.0000E+00   24 .0000E+00

DAY OF WEEK = THURSDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7
.0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15
.4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23
.0000E+00   24 .0000E+00

DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7
.0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15
.4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23
.0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

SOURCE ID = L0000013   ; SOURCE TYPE = VOLUME   :
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR
- -

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- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
*** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000014     ; SOURCE TYPE = VOLUME   :
```

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
```

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

 SOURCE ID = L0000015     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
 *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55
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                 * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000016     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                             DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

SOURCE ID = L0000017 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = WEDNESDY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = THURSDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = FRIDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23			

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.0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE  30
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000018     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                              DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
```

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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000019     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
*** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000020     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
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.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE  33
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000021     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                             DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
*** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE  34
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000022     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
```

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
*** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000023     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
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.0000E+00 8 .4200E+01
  9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15
.4200E+01 16 .4200E+01
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7
.0000E+00 8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15
.0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7
.0000E+00 8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15
.0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

SOURCE ID = L0000024 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR
- -
- - - - - - - - - - - - - -
DAY OF WEEK = MONDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7
.0000E+00 8 .4200E+01
  9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15
.4200E+01 16 .4200E+01
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00
DAY OF WEEK = TUESDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7
.0000E+00 8 .4200E+01
  9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15
.4200E+01 16 .4200E+01
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00
DAY OF WEEK = WEDNESDY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7
.0000E+00 8 .4200E+01
  9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15
.4200E+01 16 .4200E+01
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00
DAY OF WEEK = THURSDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7
.0000E+00 8 .4200E+01
  9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15
.4200E+01 16 .4200E+01
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23

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.0000E+00   24  .0000E+00
                                             DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000025     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                             DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
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    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000026     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
*** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE  39
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000027     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
```

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.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
```

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000028     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR  HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                              DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = WEDNESDY
```

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000029     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
```



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

 SOURCE ID = L0000030     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
```

```
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000031     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                             DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
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```
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000032     ; SOURCE TYPE = VOLUME    :
  HOUR   SCALAR    HOUR   SCALAR    HOUR   SCALAR    HOUR   SCALAR    HOUR   SCALAR    HOUR   SCALAR    HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                             DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
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    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

SOURCE ID = L0000033     ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
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                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000034     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
```

SCALAR HOUR SCALAR
- -

DAY OF WEEK = MONDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = WEDNESDY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = THURSDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = FRIDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

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

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

```
 SOURCE ID = L0000035     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000036     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
 *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
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*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

SOURCE ID = L0000037     ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                             DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

```
 SOURCE ID = L0000038     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                              DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
```

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

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000039     ; SOURCE TYPE = VOLUME    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                              DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
*** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE  52
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000040     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
*** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE  53
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000041     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
```

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

SOURCE ID = L0000042 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR
- -
- - - - - - - - - - - - - -
DAY OF WEEK = MONDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7
.0000E+00 8 .4200E+01
  9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15
.4200E+01 16 .4200E+01
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00
DAY OF WEEK = TUESDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7
.0000E+00 8 .4200E+01
  9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15
.4200E+01 16 .4200E+01
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00
DAY OF WEEK = WEDNESDY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7
.0000E+00 8 .4200E+01
  9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15
.4200E+01 16 .4200E+01
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00
DAY OF WEEK = THURSDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7
.0000E+00 8 .4200E+01
  9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15
.4200E+01 16 .4200E+01
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00
DAY OF WEEK = FRIDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7
.0000E+00 8 .4200E+01
  9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15
.4200E+01 16 .4200E+01
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23

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.0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000043     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - 
                                             DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
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    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
*** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE  56
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000044     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000045     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
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.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE  58
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000046     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                              DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = THURSDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
*** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE  59
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000047     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
```



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

 SOURCE ID = L0000048     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
```

```
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 21112  ***    *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE  61
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000049     ; SOURCE TYPE = VOLUME    :
  HOUR   SCALAR    HOUR   SCALAR    HOUR   SCALAR    HOUR   SCALAR    HOUR   SCALAR    HOUR   SCALAR    HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                              DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
```

```
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000050     ; SOURCE TYPE = VOLUME    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                             DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
*** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE  63
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000051     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
```

```
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
```



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

 SOURCE ID = L0000052     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
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```
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
```

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

 SOURCE ID = L0000053     ; SOURCE TYPE = VOLUME    :
  HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR    HOUR
  SCALAR    HOUR    SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                              DAY OF WEEK = MONDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
*** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE  66
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000054     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
```

- -

```
                                             DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
```


*** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

```
 SOURCE ID = L0000055     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
```

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

 SOURCE ID = L0000056     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
 *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

SOURCE ID = L0000057 ; SOURCE TYPE = VOLUME :

```
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                              DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
```

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

SOURCE ID = L0000058 ; SOURCE TYPE = VOLUME :

```
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
   9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
   9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
   9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
   9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
   9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
```

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

SOURCE ID = L0000059 ; SOURCE TYPE = VOLUME :

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

- -

DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000060 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR
- -
- - - - - - - - - - - - -

DAY OF WEEK = MONDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7
.0000E+00 8 .4200E+01
  9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15
.4200E+01 16 .4200E+01
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

DAY OF WEEK = TUESDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7
.0000E+00 8 .4200E+01
  9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15
.4200E+01 16 .4200E+01
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

DAY OF WEEK = WEDNESDY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7
.0000E+00 8 .4200E+01
  9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15
.4200E+01 16 .4200E+01
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

DAY OF WEEK = THURSDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7
.0000E+00 8 .4200E+01
  9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15
.4200E+01 16 .4200E+01
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

DAY OF WEEK = FRIDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7
.0000E+00 8 .4200E+01
  9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15
.4200E+01 16 .4200E+01
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

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

```
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000061     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                             DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
*** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE  74
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000062     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
 *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE  75
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000063     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
```

.4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23
.0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

SOURCE ID = L0000064   ; SOURCE TYPE = VOLUME   :
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR
- -

DAY OF WEEK = MONDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7
.0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15
.4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23
.0000E+00   24 .0000E+00

DAY OF WEEK = TUESDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7
.0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15
.4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23
.0000E+00   24 .0000E+00

DAY OF WEEK = WEDNESDY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7
.0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15
.4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23
.0000E+00   24 .0000E+00

DAY OF WEEK = THURSDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7
.0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15
.4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23
.0000E+00   24 .0000E+00

DAY OF WEEK = FRIDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
*** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE  77
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000065     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
*** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE  78
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000066     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
```

```
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
```



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

 SOURCE ID = L0000067     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                             DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
```

```
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
```


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

 SOURCE ID = L0000068     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                             DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
*** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE  81
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000069     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
```

```
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
```



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

 SOURCE ID = L0000070     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
```

```
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
```

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

 SOURCE ID = L0000071     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                             DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = TUESDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
*** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE  84
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000072     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
```



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*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000073     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
```

```
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
 *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE  86
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000074     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
```



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*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

SOURCE ID = L0000075     ; SOURCE TYPE = VOLUME   :
```

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
```

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

 SOURCE ID = L0000076     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
 *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

SOURCE ID = L0000077 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = WEDNESDY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = THURSDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = FRIDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

```
 SOURCE ID = L0000078     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                              DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
```

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.0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE  91
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000079     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                              DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
```

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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE  92
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000080     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
*** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE  93
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000081     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
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.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000082     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                              DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
*** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE  95
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000083     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
```

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



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

 SOURCE ID = L0000084     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
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.0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15
.4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23
.0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000085   ; SOURCE TYPE = VOLUME   :
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR
- -

DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7
.0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15
.4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23
.0000E+00   24 .0000E+00

DAY OF WEEK = TUESDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7
.0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15
.4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23
.0000E+00   24 .0000E+00

DAY OF WEEK = WEDNESDY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7
.0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15
.4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23
.0000E+00   24 .0000E+00

DAY OF WEEK = THURSDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7
.0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15
.4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23

```
.0000E+00   24  .0000E+00
                                                 DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE  98
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000086     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                 DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                 DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                 DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                 DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
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    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
*** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE  99
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000087     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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```
                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000088     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
```

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.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000089     ; SOURCE TYPE = VOLUME    :
  HOUR   SCALAR    HOUR   SCALAR    HOUR   SCALAR    HOUR   SCALAR    HOUR   SCALAR    HOUR   SCALAR    HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                              DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = WEDNESDY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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```
                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000090     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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```
                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000091     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
```

```
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000092     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                              DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
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.0000E+00   24  .0000E+00
                                             DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
```

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000093     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - -
                                             DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
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    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000094     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
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                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000095     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
```

SCALAR   HOUR   SCALAR
- -

DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

```
 SOURCE ID = L0000096     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000097     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
 *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
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*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

SOURCE ID = L0000098     ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                             DAY OF WEEK = MONDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
   9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = TUESDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
   9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = WEDNESDY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
   9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = THURSDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
   9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = FRIDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
   9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = L0000099 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = WEDNESDY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = THURSDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = FRIDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15			

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

SOURCE ID = L0000100 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR
- -
- - - - - - - - - - - - -

DAY OF WEEK = MONDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7
.0000E+00 8 .4200E+01
  9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15
.4200E+01 16 .4200E+01
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

DAY OF WEEK = TUESDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7
.0000E+00 8 .4200E+01
  9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15
.4200E+01 16 .4200E+01
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

DAY OF WEEK = WEDNESDY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7
.0000E+00 8 .4200E+01
  9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15
.4200E+01 16 .4200E+01
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

DAY OF WEEK = THURSDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7
.0000E+00 8 .4200E+01
  9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15
.4200E+01 16 .4200E+01
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

DAY OF WEEK = FRIDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7
.0000E+00 8 .4200E+01
  9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15
.4200E+01 16 .4200E+01
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

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

DAY OF WEEK = SUNDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 113
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000101     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
*** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 114
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000102     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
```

```
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000103     ; SOURCE TYPE = VOLUME    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR  HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                              DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
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.0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000104     ; SOURCE TYPE = VOLUME    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                             DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
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    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
*** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 117
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000105     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
```

DAY OF WEEK = FRIDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7
.0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15
.4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7
.0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15
.0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7
.0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15
.0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

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

SOURCE ID = L0000106 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR
- -

DAY OF WEEK = MONDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7
.0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15
.4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00
DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7
.0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15
.4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00
DAY OF WEEK = WEDNESDY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7
.0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15
.4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00
DAY OF WEEK = THURSDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7
.0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15

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.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 119
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000107     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                              DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = THURSDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000108     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000109     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
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.0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15
.4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23
.0000E+00   24 .0000E+00
DAY OF WEEK = THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7
.0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15
.4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23
.0000E+00   24 .0000E+00
DAY OF WEEK = FRIDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7
.0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15
.4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23
.0000E+00   24 .0000E+00
DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7
.0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15
.0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23
.0000E+00   24 .0000E+00
DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7
.0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15
.0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23
.0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

SOURCE ID = L0000110   ; SOURCE TYPE = VOLUME   :
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR
- -
- - - - - - - - - - - - - -
DAY OF WEEK = MONDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7
.0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15
.4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23
.0000E+00   24 .0000E+00
DAY OF WEEK = TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7
.0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15
.4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23

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.0000E+00   24  .0000E+00
                                            DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                            DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                            DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000111     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                            DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                            DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
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    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000112     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7
.0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15
.4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00
DAY OF WEEK = WEDNESDY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7
.0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15
.4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00
DAY OF WEEK = THURSDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7
.0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15
.4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00
DAY OF WEEK = FRIDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7
.0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15
.4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7
.0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15
.0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7
.0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15
.0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

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

SOURCE ID = L0000113 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR
- -
DAY OF WEEK = MONDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7
.0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15

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.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000114     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                              DAY OF WEEK = MONDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000115     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
```

- -

DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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 SOURCE ID = L0000116     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
```

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

 SOURCE ID = L0000117     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
 *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

SOURCE ID = L0000118 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = TUESDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = WEDNESDY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = THURSDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = FRIDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

SOURCE ID = L0000119 ; SOURCE TYPE = VOLUME :

```
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
   9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
   9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
   9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
   9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
   9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
 *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 132
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000120     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
```

```
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 133
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000121     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                              DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
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```
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000122     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                              DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
*** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 135
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000123     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
 *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 136
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000124     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
```

.4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23
.0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000125   ; SOURCE TYPE = VOLUME   :
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR
- -
- - - - - - - - - - - - - -

DAY OF WEEK = MONDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7
.0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15
.4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23
.0000E+00   24 .0000E+00

DAY OF WEEK = TUESDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7
.0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15
.4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23
.0000E+00   24 .0000E+00

DAY OF WEEK = WEDNESDY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7
.0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15
.4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23
.0000E+00   24 .0000E+00

DAY OF WEEK = THURSDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7
.0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15
.4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23
.0000E+00   24 .0000E+00

DAY OF WEEK = FRIDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
```



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

 SOURCE ID = L0000126     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
*** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 139
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000127     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
```

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.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
```


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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000128     ; SOURCE TYPE = VOLUME    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                             DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
```

.0000E+00   24 .0000E+00
DAY OF WEEK = THURSDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7
.0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15
.4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23
.0000E+00   24 .0000E+00
DAY OF WEEK = FRIDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7
.0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15
.4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23
.0000E+00   24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7
.0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15
.0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23
.0000E+00   24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7
.0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15
.0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23
.0000E+00   24 .0000E+00

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

SOURCE ID = L0000129   ; SOURCE TYPE = VOLUME   :
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR
- -
- - - - - - - - - - - - - -
DAY OF WEEK = MONDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7
.0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15
.4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23
.0000E+00   24 .0000E+00
DAY OF WEEK = TUESDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7
.0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15
.4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23
.0000E+00   24 .0000E+00
DAY OF WEEK = WEDNESDY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7
.0000E+00   8 .4200E+01

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000130     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
```

```
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
```



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

 SOURCE ID = L0000131     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
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.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
```



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

 SOURCE ID = L0000132     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR    HOUR   SCALAR    HOUR   SCALAR    HOUR   SCALAR    HOUR   SCALAR    HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                              DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = TUESDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
```



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

 SOURCE ID = L0000133     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000134     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
```

```
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
```

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- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
*** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

               PAGE 148
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000136     ; SOURCE TYPE = VOLUME   :
```

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
```

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

 SOURCE ID = L0000137     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

```
 SOURCE ID = L0000138     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                              DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

SOURCE ID = L0000139 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR
- -

DAY OF WEEK = MONDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7
.0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15
.4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

DAY OF WEEK = TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7
.0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15
.4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

DAY OF WEEK = WEDNESDY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7
.0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15
.4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

DAY OF WEEK = THURSDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7
.0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15
.4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

DAY OF WEEK = FRIDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7
.0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15
.4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

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

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

```
.0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 152
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000140     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                              DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
```

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 153
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000141     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
```

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                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
*** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 154
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000142     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
```

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000143   ; SOURCE TYPE = VOLUME   :
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR
- -

DAY OF WEEK = MONDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7
.0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15
.4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23
.0000E+00   24 .0000E+00

DAY OF WEEK = TUESDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7
.0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15
.4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23
.0000E+00   24 .0000E+00

DAY OF WEEK = WEDNESDY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7
.0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15
.4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23
.0000E+00   24 .0000E+00

DAY OF WEEK = THURSDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7
.0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15
.4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23
.0000E+00   24 .0000E+00

DAY OF WEEK = FRIDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7
.0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15
.4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23
.0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
*** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 156
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000144     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
```

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



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

 SOURCE ID = L0000145     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
```

```
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 158
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000146     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                              DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
```

```
.0000E+00   24  .0000E+00
                                                 DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 159
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000147     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                 DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                 DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                 DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                 DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
```



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

 SOURCE ID = L0000148     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
```

```
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
```



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

 SOURCE ID = L0000149     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
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.4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23
.0000E+00   24 .0000E+00

DAY OF WEEK = THURSDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7
.0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15
.4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23
.0000E+00   24 .0000E+00

DAY OF WEEK = FRIDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7
.0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15
.4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23
.0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

SOURCE ID = L0000150   ; SOURCE TYPE = VOLUME   :
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR

- -

DAY OF WEEK = MONDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7
.0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15
.4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23
.0000E+00   24 .0000E+00

DAY OF WEEK = TUESDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7
.0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15
.4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23
.0000E+00   24 .0000E+00

DAY OF WEEK = WEDNESDY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000151     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000152     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
```

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.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000153     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                              DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
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.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

 SOURCE ID = L0000154     ; SOURCE TYPE = VOLUME    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
```



```
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

SOURCE ID = L0000155     ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
```

```
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
```



```
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

SOURCE ID = L0000156     ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
```

```
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                              DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
```


```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *
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```
 SOURCE ID = L0000157     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000158     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
 *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
```

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

 SOURCE ID = L0000159     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
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↑ *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 172
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000160     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                             DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
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.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 173
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000161     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
                                             DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
*** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 174
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = L0000162     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15
.0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
*** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 175
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

 SOURCE ID = PAREA1       ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
.0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01   14  .4200E+01   15
.4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23
.0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7
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.0000E+00 8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15
.0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7
.0000E+00 8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15
.0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

(565570.5, 4191234.2, 89.8, 580.5, 0.0); (565590.5, 4191234.2,
90.8, 580.5, 0.0);
(565610.5, 4191234.2, 91.8, 580.5, 0.0); (565630.5, 4191234.2,
92.7, 580.5, 0.0);
(565650.5, 4191234.2, 93.5, 580.5, 0.0); (565670.5, 4191234.2,
94.4, 580.5, 0.0);
(565690.5, 4191234.2, 95.4, 580.5, 0.0); (565710.5, 4191234.2,
96.4, 580.5, 0.0);
(565730.5, 4191234.2, 97.5, 580.5, 0.0); (565750.5, 4191234.2,
98.6, 580.5, 0.0);
(565770.5, 4191234.2, 99.8, 580.5, 0.0); (565790.5, 4191234.2,
101.0, 580.5, 0.0);
(565810.5, 4191234.2, 101.9, 580.5, 0.0); (565830.5, 4191234.2,
102.6, 580.5, 0.0);
(565850.5, 4191234.2, 103.8, 580.5, 0.0); (565870.5, 4191234.2,
105.0, 580.5, 0.0);
(565890.5, 4191234.2, 106.2, 580.5, 0.0); (565910.5, 4191234.2,
107.1, 580.5, 0.0);
(565930.5, 4191234.2, 108.0, 580.5, 0.0); (565950.5, 4191234.2,
109.3, 580.5, 0.0);
(565970.5, 4191234.2, 110.7, 580.5, 0.0); (565990.5, 4191234.2,
112.2, 580.5, 0.0);
(566010.5, 4191234.2, 114.0, 580.5, 0.0); (566030.5, 4191234.2,
116.1, 580.5, 0.0);
(566050.5, 4191234.2, 118.7, 580.5, 0.0); (566070.5, 4191234.2,
121.2, 580.5, 0.0);
(566090.5, 4191234.2, 123.5, 580.5, 0.0); (566110.5, 4191234.2,
125.8, 580.5, 0.0);
(566130.5, 4191234.2, 128.4, 580.5, 0.0); (566150.5, 4191234.2,
131.1, 580.5, 0.0);
(566170.5, 4191234.2, 134.8, 580.5, 0.0); (566190.5, 4191234.2,
138.7, 580.5, 0.0);
(566210.5, 4191234.2, 142.9, 580.5, 0.0); (566230.5, 4191234.2,
147.1, 580.5, 0.0);
(566250.5, 4191234.2, 151.4, 580.5, 0.0); (566270.5, 4191234.2,
157.0, 580.5, 0.0);
(566290.5, 4191234.2, 164.0, 580.5, 0.0); (566310.5, 4191234.2,

171.7,   580.5,   0.0);
     (566330.5, 4191234.2,   180.0,   580.5,   0.0);   (566350.5, 4191234.2,
189.2,   580.5,   0.0);
     (566370.5, 4191234.2,   199.4,   580.5,   0.0);   (566390.5, 4191234.2,
209.5,   580.5,   0.0);
     (566410.5, 4191234.2,   218.8,   580.5,   0.0);   (566430.5, 4191234.2,
226.6,   580.5,   0.0);
     (566450.5, 4191234.2,   233.1,   580.5,   0.0);   (566470.5, 4191234.2,
238.9,   580.5,   0.0);
     (566490.5, 4191234.2,   242.2,   580.5,   0.0);   (566510.5, 4191234.2,
242.9,   580.5,   0.0);
     (566530.5, 4191234.2,   243.7,   580.5,   0.0);   (566550.5, 4191234.2,
244.5,   580.5,   0.0);
     (566570.5, 4191234.2,   245.7,   580.5,   0.0);   (565570.5, 4191254.2,
90.1,   580.5,   0.0);
     (565590.5, 4191254.2,   91.2,   580.5,   0.0);   (565610.5, 4191254.2,
92.1,   580.5,   0.0);
     (565630.5, 4191254.2,   92.9,   580.5,   0.0);   (565650.5, 4191254.2,
93.7,   580.5,   0.0);
     (565670.5, 4191254.2,   94.6,   580.5,   0.0);   (565690.5, 4191254.2,
95.6,   580.5,   0.0);
     (565710.5, 4191254.2,   96.6,   580.5,   0.0);   (565730.5, 4191254.2,
97.6,   580.5,   0.0);
     (565750.5, 4191254.2,   98.7,   580.5,   0.0);   (565770.5, 4191254.2,
99.9,   580.5,   0.0);
     (565790.5, 4191254.2,   101.1,   580.5,   0.0);   (565810.5, 4191254.2,
102.1,   580.5,   0.0);
     (565830.5, 4191254.2,   103.1,   580.5,   0.0);   (565850.5, 4191254.2,
104.3,   580.5,   0.0);
     (565870.5, 4191254.2,   105.6,   580.5,   0.0);   (565890.5, 4191254.2,
106.9,   580.5,   0.0);
     (565910.5, 4191254.2,   108.0,   580.5,   0.0);   (565930.5, 4191254.2,
108.9,   580.5,   0.0);
     (565950.5, 4191254.2,   110.2,   580.5,   0.0);   (565970.5, 4191254.2,
111.5,   580.5,   0.0);
     (565990.5, 4191254.2,   112.9,   580.5,   0.0);   (566010.5, 4191254.2,
114.5,   580.5,   0.0);
     (566030.5, 4191254.2,   116.6,   580.5,   0.0);   (566050.5, 4191254.2,
119.5,   580.5,   0.0);
     (566070.5, 4191254.2,   122.2,   580.5,   0.0);   (566090.5, 4191254.2,
124.6,   580.5,   0.0);
     (566110.5, 4191254.2,   127.1,   580.5,   0.0);   (566130.5, 4191254.2,
129.8,   580.5,   0.0);
     (566150.5, 4191254.2,   132.9,   580.5,   0.0);   (566170.5, 4191254.2,
136.5,   580.5,   0.0);
     (566190.5, 4191254.2,   140.0,   580.5,   0.0);   (566210.5, 4191254.2,
143.9,   580.5,   0.0);
     (566230.5, 4191254.2,   148.2,   580.5,   0.0);   (566250.5, 4191254.2,
153.0,   580.5,   0.0);
     (566270.5, 4191254.2,   159.3,   580.5,   0.0);   (566290.5, 4191254.2,
166.2,   580.5,   0.0);
     (566310.5, 4191254.2,   173.9,   580.5,   0.0);   (566330.5, 4191254.2,
182.2,   580.5,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

(566350.5, 4191254.2, 191.1, 580.5, 0.0); (566370.5, 4191254.2, 200.9, 580.5, 0.0);
(566390.5, 4191254.2, 211.7, 580.5, 0.0); (566410.5, 4191254.2, 221.8, 580.5, 0.0);
(566430.5, 4191254.2, 230.0, 580.5, 0.0); (566450.5, 4191254.2, 236.3, 580.5, 0.0);
(566470.5, 4191254.2, 241.6, 580.5, 0.0); (566490.5, 4191254.2, 244.7, 580.5, 0.0);
(566510.5, 4191254.2, 246.4, 580.5, 0.0); (566530.5, 4191254.2, 247.9, 580.5, 0.0);
(566550.5, 4191254.2, 249.5, 580.5, 0.0); (566570.5, 4191254.2, 251.5, 580.5, 0.0);
(565570.5, 4191274.2, 90.5, 580.5, 0.0); (565590.5, 4191274.2, 91.7, 580.5, 0.0);
(565610.5, 4191274.2, 92.5, 580.5, 0.0); (565630.5, 4191274.2, 93.1, 580.5, 0.0);
(565650.5, 4191274.2, 94.0, 580.5, 0.0); (565670.5, 4191274.2, 94.9, 580.5, 0.0);
(565690.5, 4191274.2, 95.8, 580.5, 0.0); (565710.5, 4191274.2, 96.7, 580.5, 0.0);
(565730.5, 4191274.2, 97.8, 580.5, 0.0); (565750.5, 4191274.2, 98.8, 580.5, 0.0);
(565770.5, 4191274.2, 100.0, 580.5, 0.0); (565790.5, 4191274.2, 101.2, 580.5, 0.0);
(565810.5, 4191274.2, 102.4, 580.5, 0.0); (565830.5, 4191274.2, 103.7, 580.5, 0.0);
(565850.5, 4191274.2, 104.9, 580.5, 0.0); (565870.5, 4191274.2, 106.3, 580.5, 0.0);
(565890.5, 4191274.2, 107.8, 580.5, 0.0); (565910.5, 4191274.2, 108.9, 580.5, 0.0);
(565930.5, 4191274.2, 110.0, 580.5, 0.0); (565950.5, 4191274.2, 111.2, 580.5, 0.0);
(565970.5, 4191274.2, 112.4, 580.5, 0.0); (565990.5, 4191274.2, 113.5, 580.5, 0.0);
(566010.5, 4191274.2, 114.9, 580.5, 0.0); (566030.5, 4191274.2, 116.8, 580.5, 0.0);
(566050.5, 4191274.2, 120.0, 580.5, 0.0); (566070.5, 4191274.2, 122.8, 580.5, 0.0);
(566090.5, 4191274.2, 125.5, 580.5, 0.0); (566110.5, 4191274.2, 128.1, 580.5, 0.0);
(566130.5, 4191274.2, 131.2, 580.5, 0.0); (566150.5, 4191274.2, 134.7, 580.5, 0.0);
(566170.5, 4191274.2, 137.9, 580.5, 0.0); (566190.5, 4191274.2, 140.9, 580.5, 0.0);
(566210.5, 4191274.2, 144.5, 580.5, 0.0); (566230.5, 4191274.2, 149.0, 580.5, 0.0);
(566250.5, 4191274.2, 154.5, 580.5, 0.0); (566270.5, 4191274.2, 161.4, 580.5, 0.0);
(566290.5, 4191274.2, 167.8, 580.5, 0.0); (566310.5, 4191274.2, 174.9, 580.5, 0.0);
(566330.5, 4191274.2, 182.8, 580.5, 0.0); (566350.5, 4191274.2, 191.4, 580.5, 0.0);
(566370.5, 4191274.2, 200.2, 580.5, 0.0); (566390.5, 4191274.2, 211.0, 580.5, 0.0);
(566410.5, 4191274.2, 221.1, 580.5, 0.0); (566430.5, 4191274.2, 229.1, 580.5, 0.0);
(566450.5, 4191274.2, 234.8, 580.5, 0.0); (566470.5, 4191274.2,

239.0,   580.5,   0.0);
     (566490.5, 4191274.2,   241.9,   580.5,   0.0);   (566510.5, 4191274.2,
245.0,   580.5,   0.0);
     (566530.5, 4191274.2,   248.5,   580.5,   0.0);   (566550.5, 4191274.2,
252.0,   580.5,   0.0);
     (566570.5, 4191274.2,   255.4,   580.5,   0.0);   (565570.5, 4191294.2,
91.0,   580.5,   0.0);
     (565590.5, 4191294.2,   92.2,   580.5,   0.0);   (565610.5, 4191294.2,
92.9,   580.5,   0.0);
     (565630.5, 4191294.2,   93.7,   580.5,   0.0);   (565650.5, 4191294.2,
94.6,   580.5,   0.0);
     (565670.5, 4191294.2,   95.5,   580.5,   0.0);   (565690.5, 4191294.2,
96.4,   580.5,   0.0);
     (565710.5, 4191294.2,   97.2,   580.5,   0.0);   (565730.5, 4191294.2,
98.3,   580.5,   0.0);
     (565750.5, 4191294.2,   99.3,   580.5,   0.0);   (565770.5, 4191294.2,
100.3,   580.5,   0.0);
     (565790.5, 4191294.2,   101.5,   580.5,   0.0);   (565810.5, 4191294.2,
102.8,   580.5,   0.0);
     (565830.5, 4191294.2,   104.3,   580.5,   0.0);   (565850.5, 4191294.2,
105.7,   580.5,   0.0);
     (565870.5, 4191294.2,   107.2,   580.5,   0.0);   (565890.5, 4191294.2,
108.8,   580.5,   0.0);
     (565910.5, 4191294.2,   110.1,   580.5,   0.0);   (565930.5, 4191294.2,
111.5,   580.5,   0.0);
     (565950.5, 4191294.2,   112.8,   580.5,   0.0);   (565970.5, 4191294.2,
113.8,   580.5,   0.0);
     (565990.5, 4191294.2,   114.7,   580.5,   0.0);   (566010.5, 4191294.2,
115.7,   580.5,   0.0);
     (566030.5, 4191294.2,   117.2,   580.5,   0.0);   (566050.5, 4191294.2,
119.9,   580.5,   0.0);
     (566070.5, 4191294.2,   122.8,   580.5,   0.0);   (566090.5, 4191294.2,
125.7,   580.5,   0.0);

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

     (566110.5, 4191294.2,   128.7,   580.5,   0.0);   (566130.5, 4191294.2,
132.1,   580.5,   0.0);
     (566150.5, 4191294.2,   136.0,   580.5,   0.0);   (566170.5, 4191294.2,
139.2,   580.5,   0.0);
     (566190.5, 4191294.2,   141.8,   580.5,   0.0);   (566210.5, 4191294.2,
145.1,   580.5,   0.0);
     (566230.5, 4191294.2,   149.4,   580.5,   0.0);   (566250.5, 4191294.2,
154.6,   580.5,   0.0);
     (566270.5, 4191294.2,   161.8,   580.5,   0.0);   (566290.5, 4191294.2,
168.1,   580.5,   0.0);
     (566310.5, 4191294.2,   174.5,   580.5,   0.0);   (566330.5, 4191294.2,
181.4,   580.5,   0.0);
     (566350.5, 4191294.2,   188.8,   580.5,   0.0);   (566370.5, 4191294.2,
196.5,   580.5,   0.0);
     (566390.5, 4191294.2,   206.1,   580.5,   0.0);   (566410.5, 4191294.2,
215.0,   580.5,   0.0);

(566430.5, 4191294.2, 222.4, 580.5, 0.0); (566450.5, 4191294.2, 228.3, 580.5, 0.0);
(566470.5, 4191294.2, 233.0, 580.5, 0.0); (566490.5, 4191294.2, 236.4, 580.5, 0.0);
(566510.5, 4191294.2, 240.7, 580.5, 0.0); (566530.5, 4191294.2, 245.0, 580.5, 0.0);
(566550.5, 4191294.2, 248.8, 580.5, 0.0); (566570.5, 4191294.2, 252.5, 580.5, 0.0);
(565570.5, 4191314.2, 91.3, 580.5, 0.0); (565590.5, 4191314.2, 92.5, 580.5, 0.0);
(565610.5, 4191314.2, 93.5, 580.5, 0.0); (565630.5, 4191314.2, 94.4, 580.5, 0.0);
(565650.5, 4191314.2, 95.4, 580.5, 0.0); (565670.5, 4191314.2, 96.3, 580.5, 0.0);
(565690.5, 4191314.2, 97.1, 580.5, 0.0); (565710.5, 4191314.2, 97.9, 580.5, 0.0);
(565730.5, 4191314.2, 98.9, 580.5, 0.0); (565750.5, 4191314.2, 99.9, 580.5, 0.0);
(565770.5, 4191314.2, 101.0, 580.5, 0.0); (565790.5, 4191314.2, 102.1, 580.5, 0.0);
(565810.5, 4191314.2, 103.3, 580.5, 0.0); (565830.5, 4191314.2, 104.9, 580.5, 0.0);
(565850.5, 4191314.2, 106.5, 580.5, 0.0); (565870.5, 4191314.2, 108.2, 580.5, 0.0);
(565890.5, 4191314.2, 109.8, 580.5, 0.0); (565910.5, 4191314.2, 111.3, 580.5, 0.0);
(565930.5, 4191314.2, 113.0, 580.5, 0.0); (565950.5, 4191314.2, 114.4, 580.5, 0.0);
(565970.5, 4191314.2, 115.4, 580.5, 0.0); (565990.5, 4191314.2, 116.2, 580.5, 0.0);
(566010.5, 4191314.2, 117.1, 580.5, 0.0); (566030.5, 4191314.2, 118.3, 580.5, 0.0);
(566050.5, 4191314.2, 120.2, 580.5, 0.0); (566070.5, 4191314.2, 123.0, 580.5, 0.0);
(566090.5, 4191314.2, 126.0, 580.5, 0.0); (566110.5, 4191314.2, 129.2, 580.5, 0.0);
(566130.5, 4191314.2, 132.8, 580.5, 0.0); (566150.5, 4191314.2, 137.0, 580.5, 0.0);
(566170.5, 4191314.2, 140.3, 580.5, 0.0); (566190.5, 4191314.2, 143.0, 580.5, 0.0);
(566210.5, 4191314.2, 146.0, 580.5, 0.0); (566230.5, 4191314.2, 149.9, 580.5, 0.0);
(566250.5, 4191314.2, 154.5, 580.5, 0.0); (566270.5, 4191314.2, 161.3, 580.5, 0.0);
(566290.5, 4191314.2, 167.3, 580.5, 0.0); (566310.5, 4191314.2, 173.0, 580.5, 0.0);
(566330.5, 4191314.2, 178.9, 580.5, 0.0); (566350.5, 4191314.2, 185.1, 580.5, 0.0);
(566370.5, 4191314.2, 191.6, 580.5, 0.0); (566390.5, 4191314.2, 199.9, 580.5, 0.0);
(566410.5, 4191314.2, 207.8, 580.5, 0.0); (566430.5, 4191314.2, 215.3, 580.5, 0.0);
(566450.5, 4191314.2, 222.4, 580.5, 0.0); (566470.5, 4191314.2, 228.4, 580.5, 0.0);
(566490.5, 4191314.2, 232.1, 580.5, 0.0); (566510.5, 4191314.2, 236.8, 580.5, 0.0);
(566530.5, 4191314.2, 241.1, 580.5, 0.0); (566550.5, 4191314.2, 245.0, 580.5, 0.0);
(566570.5, 4191314.2, 249.2, 580.5, 0.0); (565570.5, 4191334.2, 91.5, 580.5, 0.0);
(565590.5, 4191334.2, 92.7, 580.5, 0.0); (565610.5, 4191334.2,

93.9,   580.5,   0.0);
     (565630.5, 4191334.2,   95.1,   580.5,   0.0);   (565650.5, 4191334.2,
96.2,   580.5,   0.0);
     (565670.5, 4191334.2,   97.0,   580.5,   0.0);   (565690.5, 4191334.2,
97.7,   580.5,   0.0);
     (565710.5, 4191334.2,   98.6,   580.5,   0.0);   (565730.5, 4191334.2,
99.7,   580.5,   0.0);
     (565750.5, 4191334.2,   100.7,   580.5,   0.0);   (565770.5, 4191334.2,
101.7,   580.5,   0.0);
     (565790.5, 4191334.2,   102.9,   580.5,   0.0);   (565810.5, 4191334.2,
104.0,   580.5,   0.0);
     (565830.5, 4191334.2,   105.5,   580.5,   0.0);   (565850.5, 4191334.2,
107.4,   580.5,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

     (565870.5, 4191334.2,   109.1,   580.5,   0.0);   (565890.5, 4191334.2,
110.8,   580.5,   0.0);
     (565910.5, 4191334.2,   112.5,   580.5,   0.0);   (565930.5, 4191334.2,
114.5,   580.5,   0.0);
     (565950.5, 4191334.2,   115.9,   580.5,   0.0);   (565970.5, 4191334.2,
117.0,   580.5,   0.0);
     (565990.5, 4191334.2,   117.8,   580.5,   0.0);   (566010.5, 4191334.2,
118.8,   580.5,   0.0);
     (566030.5, 4191334.2,   119.8,   580.5,   0.0);   (566050.5, 4191334.2,
120.9,   580.5,   0.0);
     (566070.5, 4191334.2,   123.3,   580.5,   0.0);   (566090.5, 4191334.2,
126.5,   580.5,   0.0);
     (566110.5, 4191334.2,   129.8,   580.5,   0.0);   (566130.5, 4191334.2,
133.2,   580.5,   0.0);
     (566150.5, 4191334.2,   137.5,   580.5,   0.0);   (566170.5, 4191334.2,
141.4,   580.5,   0.0);
     (566190.5, 4191334.2,   144.3,   580.5,   0.0);   (566210.5, 4191334.2,
147.2,   580.5,   0.0);
     (566230.5, 4191334.2,   150.5,   580.5,   0.0);   (566250.5, 4191334.2,
154.3,   580.5,   0.0);
     (566270.5, 4191334.2,   159.9,   580.5,   0.0);   (566290.5, 4191334.2,
165.3,   580.5,   0.0);
     (566310.5, 4191334.2,   170.3,   580.5,   0.0);   (566330.5, 4191334.2,
175.1,   580.5,   0.0);
     (566350.5, 4191334.2,   179.9,   580.5,   0.0);   (566370.5, 4191334.2,
185.2,   580.5,   0.0);
     (566390.5, 4191334.2,   192.1,   580.5,   0.0);   (566410.5, 4191334.2,
199.4,   580.5,   0.0);
     (566430.5, 4191334.2,   208.1,   580.5,   0.0);   (566450.5, 4191334.2,
217.5,   580.5,   0.0);
     (566470.5, 4191334.2,   225.9,   580.5,   0.0);   (566490.5, 4191334.2,
230.1,   580.5,   0.0);
     (566510.5, 4191334.2,   234.0,   580.5,   0.0);   (566530.5, 4191334.2,
237.5,   580.5,   0.0);
     (566550.5, 4191334.2,   241.3,   580.5,   0.0);   (566570.5, 4191334.2,
246.2,   580.5,   0.0);

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     ( 565570.5, 4191354.2,      91.6,     580.5,       0.0);         ( 565590.5, 4191354.2,
92.8,     580.5,       0.0);
     ( 565610.5, 4191354.2,      93.9,     580.5,       0.0);         ( 565630.5, 4191354.2,
95.3,     580.5,       0.0);
     ( 565650.5, 4191354.2,      96.4,     580.5,       0.0);         ( 565670.5, 4191354.2,
97.4,     580.5,       0.0);
     ( 565690.5, 4191354.2,      98.3,     580.5,       0.0);         ( 565710.5, 4191354.2,
99.3,     580.5,       0.0);
     ( 565730.5, 4191354.2,     100.5,     580.5,       0.0);         ( 565750.5, 4191354.2,
101.4,     580.5,       0.0);
     ( 565770.5, 4191354.2,     102.5,     580.5,       0.0);         ( 565790.5, 4191354.2,
103.7,     580.5,       0.0);
     ( 565810.5, 4191354.2,     104.8,     580.5,       0.0);         ( 565830.5, 4191354.2,
106.2,     580.5,       0.0);
     ( 565850.5, 4191354.2,     108.2,     580.5,       0.0);         ( 565870.5, 4191354.2,
110.2,     580.5,       0.0);
     ( 565890.5, 4191354.2,     112.0,     580.5,       0.0);         ( 565910.5, 4191354.2,
113.6,     580.5,       0.0);
     ( 565930.5, 4191354.2,     115.7,     580.5,       0.0);         ( 565950.5, 4191354.2,
117.3,     580.5,       0.0);
     ( 565970.5, 4191354.2,     118.6,     580.5,       0.0);         ( 565990.5, 4191354.2,
119.7,     580.5,       0.0);
     ( 566010.5, 4191354.2,     120.8,     580.5,       0.0);         ( 566030.5, 4191354.2,
121.9,     580.5,       0.0);
     ( 566050.5, 4191354.2,     123.3,     580.5,       0.0);         ( 566070.5, 4191354.2,
124.9,     580.5,       0.0);
     ( 566090.5, 4191354.2,     127.6,     580.5,       0.0);         ( 566110.5, 4191354.2,
131.2,     580.5,       0.0);
     ( 566130.5, 4191354.2,     135.2,     580.5,       0.0);         ( 566150.5, 4191354.2,
138.8,     580.5,       0.0);
     ( 566170.5, 4191354.2,     141.0,     580.5,       0.0);         ( 566190.5, 4191354.2,
144.2,     580.5,       0.0);
     ( 566210.5, 4191354.2,     148.1,     580.5,       0.0);         ( 566230.5, 4191354.2,
151.8,     580.5,       0.0);
     ( 566250.5, 4191354.2,     155.0,     580.5,       0.0);         ( 566270.5, 4191354.2,
159.2,     580.5,       0.0);
     ( 566290.5, 4191354.2,     163.4,     580.5,       0.0);         ( 566310.5, 4191354.2,
167.8,     580.5,       0.0);
     ( 566330.5, 4191354.2,     172.4,     580.5,       0.0);         ( 566350.5, 4191354.2,
177.2,     580.5,       0.0);
     ( 566370.5, 4191354.2,     182.2,     580.5,       0.0);         ( 566390.5, 4191354.2,
188.4,     580.5,       0.0);
     ( 566410.5, 4191354.2,     195.9,     580.5,       0.0);         ( 566430.5, 4191354.2,
205.1,     580.5,       0.0);
     ( 566450.5, 4191354.2,     214.9,     580.5,       0.0);         ( 566470.5, 4191354.2,
223.3,     580.5,       0.0);
     ( 566490.5, 4191354.2,     227.5,     580.5,       0.0);         ( 566510.5, 4191354.2,
230.7,     580.5,       0.0);
     ( 566530.5, 4191354.2,     234.0,     580.5,       0.0);         ( 566550.5, 4191354.2,
238.3,     580.5,       0.0);
     ( 566570.5, 4191354.2,     244.2,     580.5,       0.0);         ( 565570.5, 4191374.2,
91.8,     580.5,       0.0);
     ( 565590.5, 4191374.2,      93.0,     580.5,       0.0);         ( 565610.5, 4191374.2,
94.0,     580.5,       0.0);
*** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(565630.5, 4191374.2, 95.3, 580.5, 0.0); (565650.5, 4191374.2, 96.6, 580.5, 0.0);
(565670.5, 4191374.2, 97.8, 580.5, 0.0); (565690.5, 4191374.2, 99.0, 580.5, 0.0);
(565710.5, 4191374.2, 100.1, 580.5, 0.0); (565730.5, 4191374.2, 101.2, 580.5, 0.0);
(565750.5, 4191374.2, 102.2, 580.5, 0.0); (565770.5, 4191374.2, 103.3, 580.5, 0.0);
(565790.5, 4191374.2, 104.5, 580.5, 0.0); (565810.5, 4191374.2, 105.7, 580.5, 0.0);
(565830.5, 4191374.2, 107.1, 580.5, 0.0); (565850.5, 4191374.2, 109.1, 580.5, 0.0);
(565870.5, 4191374.2, 111.3, 580.5, 0.0); (565890.5, 4191374.2, 113.2, 580.5, 0.0);
(565910.5, 4191374.2, 114.8, 580.5, 0.0); (565930.5, 4191374.2, 116.9, 580.5, 0.0);
(565950.5, 4191374.2, 118.8, 580.5, 0.0); (565970.5, 4191374.2, 120.3, 580.5, 0.0);
(565990.5, 4191374.2, 121.7, 580.5, 0.0); (566010.5, 4191374.2, 123.1, 580.5, 0.0);
(566030.5, 4191374.2, 124.4, 580.5, 0.0); (566050.5, 4191374.2, 126.1, 580.5, 0.0);
(566070.5, 4191374.2, 127.7, 580.5, 0.0); (566090.5, 4191374.2, 130.8, 580.5, 0.0);
(566110.5, 4191374.2, 135.1, 580.5, 0.0); (566130.5, 4191374.2, 139.6, 580.5, 0.0);
(566150.5, 4191374.2, 142.5, 580.5, 0.0); (566170.5, 4191374.2, 143.0, 580.5, 0.0);
(566190.5, 4191374.2, 144.9, 580.5, 0.0); (566210.5, 4191374.2, 148.4, 580.5, 0.0);
(566230.5, 4191374.2, 152.4, 580.5, 0.0); (566250.5, 4191374.2, 155.6, 580.5, 0.0);
(566270.5, 4191374.2, 158.8, 580.5, 0.0); (566290.5, 4191374.2, 162.3, 580.5, 0.0);
(566310.5, 4191374.2, 166.1, 580.5, 0.0); (566330.5, 4191374.2, 170.3, 580.5, 0.0);
(566350.5, 4191374.2, 175.1, 580.5, 0.0); (566370.5, 4191374.2, 179.7, 580.5, 0.0);
(566390.5, 4191374.2, 185.2, 580.5, 0.0); (566410.5, 4191374.2, 192.3, 580.5, 0.0);
(566430.5, 4191374.2, 201.2, 580.5, 0.0); (566450.5, 4191374.2, 210.9, 580.5, 0.0);
(566470.5, 4191374.2, 219.2, 580.5, 0.0); (566490.5, 4191374.2, 223.6, 580.5, 0.0);
(566510.5, 4191374.2, 226.7, 580.5, 0.0); (566530.5, 4191374.2, 230.3, 580.5, 0.0);
(566550.5, 4191374.2, 235.3, 580.5, 0.0); (566570.5, 4191374.2, 242.0, 580.5, 0.0);
(565570.5, 4191394.2, 92.1, 580.5, 0.0); (565590.5, 4191394.2, 93.2, 580.5, 0.0);
(565610.5, 4191394.2, 94.2, 580.5, 0.0); (565630.5, 4191394.2, 95.5, 580.5, 0.0);
(565650.5, 4191394.2, 96.8, 580.5, 0.0); (565670.5, 4191394.2, 98.3, 580.5, 0.0);
(565690.5, 4191394.2, 99.7, 580.5, 0.0); (565710.5, 4191394.2, 100.9, 580.5, 0.0);

```
     ( 565730.5, 4191394.2,     101.9,     580.5,       0.0);         ( 565750.5, 4191394.2,
103.0,     580.5,       0.0);
     ( 565770.5, 4191394.2,     104.1,     580.5,       0.0);         ( 565790.5, 4191394.2,
105.3,     580.5,       0.0);
     ( 565810.5, 4191394.2,     106.6,     580.5,       0.0);         ( 565830.5, 4191394.2,
108.0,     580.5,       0.0);
     ( 565850.5, 4191394.2,     110.1,     580.5,       0.0);         ( 565870.5, 4191394.2,
112.3,     580.5,       0.0);
     ( 565890.5, 4191394.2,     114.3,     580.5,       0.0);         ( 565910.5, 4191394.2,
116.1,     580.5,       0.0);
     ( 565930.5, 4191394.2,     118.3,     580.5,       0.0);         ( 565950.5, 4191394.2,
120.3,     580.5,       0.0);
     ( 565970.5, 4191394.2,     122.1,     580.5,       0.0);         ( 565990.5, 4191394.2,
123.9,     580.5,       0.0);
     ( 566010.5, 4191394.2,     125.7,     580.5,       0.0);         ( 566030.5, 4191394.2,
127.3,     580.5,       0.0);
     ( 566050.5, 4191394.2,     129.2,     580.5,       0.0);         ( 566070.5, 4191394.2,
131.6,     580.5,       0.0);
     ( 566090.5, 4191394.2,     136.1,     580.5,       0.0);         ( 566110.5, 4191394.2,
141.8,     580.5,       0.0);
     ( 566130.5, 4191394.2,     146.9,     580.5,       0.0);         ( 566150.5, 4191394.2,
149.4,     580.5,       0.0);
     ( 566170.5, 4191394.2,     148.2,     580.5,       0.0);         ( 566190.5, 4191394.2,
146.6,     580.5,       0.0);
     ( 566210.5, 4191394.2,     148.1,     580.5,       0.0);         ( 566230.5, 4191394.2,
152.0,     580.5,       0.0);
     ( 566250.5, 4191394.2,     155.9,     580.5,       0.0);         ( 566270.5, 4191394.2,
159.1,     580.5,       0.0);
     ( 566290.5, 4191394.2,     162.3,     580.5,       0.0);         ( 566310.5, 4191394.2,
165.6,     580.5,       0.0);
     ( 566330.5, 4191394.2,     169.3,     580.5,       0.0);         ( 566350.5, 4191394.2,
173.4,     580.5,       0.0);
     ( 566370.5, 4191394.2,     177.4,     580.5,       0.0);         ( 566390.5, 4191394.2,
182.0,     580.5,       0.0);
*** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

     ( 566410.5, 4191394.2,     187.2,     580.5,       0.0);         ( 566430.5, 4191394.2,
194.5,     580.5,       0.0);
     ( 566450.5, 4191394.2,     203.4,     580.5,       0.0);         ( 566470.5, 4191394.2,
211.9,     580.5,       0.0);
     ( 566490.5, 4191394.2,     217.1,     580.5,       0.0);         ( 566510.5, 4191394.2,
221.1,     580.5,       0.0);
     ( 566530.5, 4191394.2,     225.9,     580.5,       0.0);         ( 566550.5, 4191394.2,
231.9,     580.5,       0.0);
     ( 566570.5, 4191394.2,     238.8,     580.5,       0.0);         ( 565570.5, 4191414.2,
92.5,     580.5,       0.0);
     ( 565590.5, 4191414.2,      93.5,     580.5,       0.0);         ( 565610.5, 4191414.2,
94.6,     580.5,       0.0);
     ( 565630.5, 4191414.2,      95.9,     580.5,       0.0);         ( 565650.5, 4191414.2,
97.3,     580.5,       0.0);
     ( 565670.5, 4191414.2,      98.9,     580.5,       0.0);         ( 565690.5, 4191414.2,
```

100.5, 580.5, 0.0);
(565710.5, 4191414.2, 101.7, 580.5, 0.0); (565730.5, 4191414.2,
102.8, 580.5, 0.0);
(565750.5, 4191414.2, 104.0, 580.5, 0.0); (565770.5, 4191414.2,
105.0, 580.5, 0.0);
(565790.5, 4191414.2, 106.1, 580.5, 0.0); (565810.5, 4191414.2,
107.5, 580.5, 0.0);
(565830.5, 4191414.2, 109.2, 580.5, 0.0); (565850.5, 4191414.2,
111.1, 580.5, 0.0);
(565870.5, 4191414.2, 113.3, 580.5, 0.0); (565890.5, 4191414.2,
115.3, 580.5, 0.0);
(565910.5, 4191414.2, 117.2, 580.5, 0.0); (565930.5, 4191414.2,
119.4, 580.5, 0.0);
(565950.5, 4191414.2, 121.8, 580.5, 0.0); (565970.5, 4191414.2,
123.6, 580.5, 0.0);
(565990.5, 4191414.2, 125.8, 580.5, 0.0); (566010.5, 4191414.2,
128.2, 580.5, 0.0);
(566030.5, 4191414.2, 130.6, 580.5, 0.0); (566050.5, 4191414.2,
133.3, 580.5, 0.0);
(566070.5, 4191414.2, 137.2, 580.5, 0.0); (566090.5, 4191414.2,
142.5, 580.5, 0.0);
(566110.5, 4191414.2, 148.0, 580.5, 0.0); (566130.5, 4191414.2,
152.6, 580.5, 0.0);
(566150.5, 4191414.2, 155.3, 580.5, 0.0); (566170.5, 4191414.2,
155.1, 580.5, 0.0);
(566190.5, 4191414.2, 153.2, 580.5, 0.0); (566210.5, 4191414.2,
152.5, 580.5, 0.0);
(566230.5, 4191414.2, 153.8, 580.5, 0.0); (566250.5, 4191414.2,
156.5, 580.5, 0.0);
(566270.5, 4191414.2, 159.7, 580.5, 0.0); (566290.5, 4191414.2,
162.7, 580.5, 0.0);
(566310.5, 4191414.2, 165.6, 580.5, 0.0); (566330.5, 4191414.2,
169.0, 580.5, 0.0);
(566350.5, 4191414.2, 173.2, 580.5, 0.0); (566370.5, 4191414.2,
178.1, 580.5, 0.0);
(566390.5, 4191414.2, 182.3, 580.5, 0.0); (566410.5, 4191414.2,
186.8, 580.5, 0.0);
(566430.5, 4191414.2, 192.3, 580.5, 0.0); (566450.5, 4191414.2,
199.0, 580.5, 0.0);
(566470.5, 4191414.2, 206.6, 580.5, 0.0); (566490.5, 4191414.2,
212.4, 580.5, 0.0);
(566510.5, 4191414.2, 217.2, 580.5, 0.0); (566530.5, 4191414.2,
221.9, 580.5, 0.0);
(566550.5, 4191414.2, 227.4, 580.5, 0.0); (566570.5, 4191414.2,
233.7, 580.5, 0.0);
(565570.5, 4191434.2, 92.9, 580.5, 0.0); (565590.5, 4191434.2,
93.9, 580.5, 0.0);
(565610.5, 4191434.2, 95.1, 580.5, 0.0); (565630.5, 4191434.2,
96.5, 580.5, 0.0);
(565650.5, 4191434.2, 98.0, 580.5, 0.0); (565670.5, 4191434.2,
99.6, 580.5, 0.0);
(565690.5, 4191434.2, 101.2, 580.5, 0.0); (565710.5, 4191434.2,
102.5, 580.5, 0.0);
(565730.5, 4191434.2, 103.6, 580.5, 0.0); (565750.5, 4191434.2,
104.8, 580.5, 0.0);
(565770.5, 4191434.2, 105.9, 580.5, 0.0); (565790.5, 4191434.2,
107.0, 580.5, 0.0);
(565810.5, 4191434.2, 108.4, 580.5, 0.0); (565830.5, 4191434.2,
110.1, 580.5, 0.0);
(565850.5, 4191434.2, 112.0, 580.5, 0.0); (565870.5, 4191434.2,
114.3, 580.5, 0.0);

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     ( 565890.5, 4191434.2,     116.4,     580.5,       0.0);         ( 565910.5, 4191434.2,
118.3,     580.5,       0.0);
     ( 565930.5, 4191434.2,     120.6,     580.5,       0.0);         ( 565950.5, 4191434.2,
123.1,     580.5,       0.0);
     ( 565970.5, 4191434.2,     125.3,     580.5,       0.0);         ( 565990.5, 4191434.2,
127.8,     580.5,       0.0);
     ( 566010.5, 4191434.2,     130.9,     580.5,       0.0);         ( 566030.5, 4191434.2,
134.3,     580.5,       0.0);
     ( 566050.5, 4191434.2,     138.1,     580.5,       0.0);         ( 566070.5, 4191434.2,
143.0,     580.5,       0.0);
     ( 566090.5, 4191434.2,     148.3,     580.5,       0.0);         ( 566110.5, 4191434.2,
153.4,     580.5,       0.0);
     ( 566130.5, 4191434.2,     157.8,     580.5,       0.0);         ( 566150.5, 4191434.2,
161.1,     580.5,       0.0);
↑ *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 182
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

     ( 566170.5, 4191434.2,     162.2,     580.5,       0.0);         ( 566190.5, 4191434.2,
161.0,     580.5,       0.0);
     ( 566210.5, 4191434.2,     159.3,     580.5,       0.0);         ( 566230.5, 4191434.2,
158.6,     580.5,       0.0);
     ( 566250.5, 4191434.2,     159.9,     580.5,       0.0);         ( 566270.5, 4191434.2,
163.1,     580.5,       0.0);
     ( 566290.5, 4191434.2,     165.9,     580.5,       0.0);         ( 566310.5, 4191434.2,
168.3,     580.5,       0.0);
     ( 566330.5, 4191434.2,     171.1,     580.5,       0.0);         ( 566350.5, 4191434.2,
175.1,     580.5,       0.0);
     ( 566370.5, 4191434.2,     180.7,     580.5,       0.0);         ( 566390.5, 4191434.2,
184.7,     580.5,       0.0);
     ( 566410.5, 4191434.2,     189.0,     580.5,       0.0);         ( 566430.5, 4191434.2,
193.1,     580.5,       0.0);
     ( 566450.5, 4191434.2,     197.9,     580.5,       0.0);         ( 566470.5, 4191434.2,
203.8,     580.5,       0.0);
     ( 566490.5, 4191434.2,     209.9,     580.5,       0.0);         ( 566510.5, 4191434.2,
215.3,     580.5,       0.0);
     ( 566530.5, 4191434.2,     219.4,     580.5,       0.0);         ( 566550.5, 4191434.2,
223.7,     580.5,       0.0);
     ( 566570.5, 4191434.2,     228.9,     580.5,       0.0);         ( 565570.5, 4191454.2,
93.3,     580.5,       0.0);
     ( 565590.5, 4191454.2,      94.3,     580.5,       0.0);         ( 565610.5, 4191454.2,
95.7,     580.5,       0.0);
     ( 565630.5, 4191454.2,      97.1,     580.5,       0.0);         ( 565650.5, 4191454.2,
98.7,     580.5,       0.0);
     ( 565670.5, 4191454.2,     100.3,     580.5,       0.0);         ( 565690.5, 4191454.2,
101.9,     580.5,       0.0);
     ( 565710.5, 4191454.2,     103.2,     580.5,       0.0);         ( 565730.5, 4191454.2,
104.3,     580.5,       0.0);
     ( 565750.5, 4191454.2,     105.6,     580.5,       0.0);         ( 565770.5, 4191454.2,
106.7,     580.5,       0.0);
     ( 565790.5, 4191454.2,     107.8,     580.5,       0.0);         ( 565810.5, 4191454.2,
109.3,     580.5,       0.0);
     ( 565830.5, 4191454.2,     110.9,     580.5,       0.0);         ( 565850.5, 4191454.2,
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112.9,     580.5,       0.0);
     ( 565870.5, 4191454.2,     115.3,     580.5,       0.0);         ( 565890.5, 4191454.2,
117.5,     580.5,       0.0);
     ( 565910.5, 4191454.2,     119.4,     580.5,       0.0);         ( 565930.5, 4191454.2,
121.9,     580.5,       0.0);
     ( 565950.5, 4191454.2,     124.5,     580.5,       0.0);         ( 565970.5, 4191454.2,
126.9,     580.5,       0.0);
     ( 565990.5, 4191454.2,     130.0,     580.5,       0.0);         ( 566010.5, 4191454.2,
134.0,     580.5,       0.0);
     ( 566030.5, 4191454.2,     138.6,     580.5,       0.0);         ( 566050.5, 4191454.2,
143.7,     580.5,       0.0);
     ( 566070.5, 4191454.2,     148.8,     580.5,       0.0);         ( 566090.5, 4191454.2,
153.3,     580.5,       0.0);
     ( 566110.5, 4191454.2,     157.9,     580.5,       0.0);         ( 566130.5, 4191454.2,
162.6,     580.5,       0.0);
     ( 566150.5, 4191454.2,     166.7,     580.5,       0.0);         ( 566170.5, 4191454.2,
169.3,     580.5,       0.0);
     ( 566190.5, 4191454.2,     170.0,     580.5,       0.0);         ( 566210.5, 4191454.2,
169.7,     580.5,       0.0);
     ( 566230.5, 4191454.2,     168.9,     580.5,       0.0);         ( 566250.5, 4191454.2,
168.6,     580.5,       0.0);
     ( 566270.5, 4191454.2,     171.9,     580.5,       0.0);         ( 566290.5, 4191454.2,
174.8,     580.5,       0.0);
     ( 566310.5, 4191454.2,     176.5,     580.5,       0.0);         ( 566330.5, 4191454.2,
178.2,     580.5,       0.0);
     ( 566350.5, 4191454.2,     181.2,     580.5,       0.0);         ( 566370.5, 4191454.2,
186.6,     580.5,       0.0);
     ( 566390.5, 4191454.2,     190.6,     580.5,       0.0);         ( 566410.5, 4191454.2,
195.2,     580.5,       0.0);
     ( 566430.5, 4191454.2,     199.6,     580.5,       0.0);         ( 566450.5, 4191454.2,
203.6,     580.5,       0.0);
     ( 566470.5, 4191454.2,     207.6,     580.5,       0.0);         ( 566490.5, 4191454.2,
212.6,     580.5,       0.0);
     ( 566510.5, 4191454.2,     218.0,     580.5,       0.0);         ( 566530.5, 4191454.2,
221.4,     580.5,       0.0);
     ( 566550.5, 4191454.2,     224.2,     580.5,       0.0);         ( 566570.5, 4191454.2,
227.2,     580.5,       0.0);
     ( 565570.5, 4191474.2,      93.8,     580.5,       0.0);         ( 565590.5, 4191474.2,
94.8,     580.5,       0.0);
     ( 565610.5, 4191474.2,      96.4,     580.5,       0.0);         ( 565630.5, 4191474.2,
97.8,     580.5,       0.0);
     ( 565650.5, 4191474.2,      99.4,     580.5,       0.0);         ( 565670.5, 4191474.2,
100.9,     580.5,       0.0);
     ( 565690.5, 4191474.2,     102.3,     580.5,       0.0);         ( 565710.5, 4191474.2,
103.6,     580.5,       0.0);
     ( 565730.5, 4191474.2,     105.0,     580.5,       0.0);         ( 565750.5, 4191474.2,
106.3,     580.5,       0.0);
     ( 565770.5, 4191474.2,     107.5,     580.5,       0.0);         ( 565790.5, 4191474.2,
108.9,     580.5,       0.0);
     ( 565810.5, 4191474.2,     110.5,     580.5,       0.0);         ( 565830.5, 4191474.2,
111.9,     580.5,       0.0);
     ( 565850.5, 4191474.2,     114.2,     580.5,       0.0);         ( 565870.5, 4191474.2,
116.6,     580.5,       0.0);
     ( 565890.5, 4191474.2,     118.5,     580.5,       0.0);         ( 565910.5, 4191474.2,
120.2,     580.5,       0.0);
 *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

```
     ( 565930.5, 4191474.2,     122.8,     580.5,       0.0);         ( 565950.5, 4191474.2,
125.8,     580.5,       0.0);
     ( 565970.5, 4191474.2,     128.7,     580.5,       0.0);         ( 565990.5, 4191474.2,
132.6,     580.5,       0.0);
     ( 566010.5, 4191474.2,     137.3,     580.5,       0.0);         ( 566030.5, 4191474.2,
142.1,     580.5,       0.0);
     ( 566050.5, 4191474.2,     147.1,     580.5,       0.0);         ( 566070.5, 4191474.2,
152.0,     580.5,       0.0);
     ( 566090.5, 4191474.2,     156.9,     580.5,       0.0);         ( 566110.5, 4191474.2,
161.9,     580.5,       0.0);
     ( 566130.5, 4191474.2,     166.7,     580.5,       0.0);         ( 566150.5, 4191474.2,
171.1,     580.5,       0.0);
     ( 566170.5, 4191474.2,     174.6,     580.5,       0.0);         ( 566190.5, 4191474.2,
176.6,     580.5,       0.0);
     ( 566210.5, 4191474.2,     177.7,     580.5,       0.0);         ( 566230.5, 4191474.2,
177.8,     580.5,       0.0);
     ( 566250.5, 4191474.2,     177.7,     580.5,       0.0);         ( 566270.5, 4191474.2,
181.1,     580.5,       0.0);
     ( 566290.5, 4191474.2,     184.9,     580.5,       0.0);         ( 566310.5, 4191474.2,
186.6,     580.5,       0.0);
     ( 566330.5, 4191474.2,     187.0,     580.5,       0.0);         ( 566350.5, 4191474.2,
187.9,     580.5,       0.0);
     ( 566370.5, 4191474.2,     191.4,     580.5,       0.0);         ( 566390.5, 4191474.2,
196.7,     580.5,       0.0);
     ( 566410.5, 4191474.2,     202.8,     580.5,       0.0);         ( 566430.5, 4191474.2,
208.1,     580.5,       0.0);
     ( 566450.5, 4191474.2,     212.0,     580.5,       0.0);         ( 566470.5, 4191474.2,
215.1,     580.5,       0.0);
     ( 566490.5, 4191474.2,     219.0,     580.5,       0.0);         ( 566510.5, 4191474.2,
224.2,     580.5,       0.0);
     ( 566530.5, 4191474.2,     227.4,     580.5,       0.0);         ( 566550.5, 4191474.2,
229.2,     580.5,       0.0);
     ( 566570.5, 4191474.2,     230.6,     580.5,       0.0);         ( 565570.5, 4191494.2,
94.6,     580.5,       0.0);
     ( 565590.5, 4191494.2,      95.7,     580.5,       0.0);         ( 565610.5, 4191494.2,
97.2,     580.5,       0.0);
     ( 565630.5, 4191494.2,      98.5,     580.5,       0.0);         ( 565650.5, 4191494.2,
100.0,     580.5,       0.0);
     ( 565670.5, 4191494.2,     101.5,     580.5,       0.0);         ( 565690.5, 4191494.2,
102.8,     580.5,       0.0);
     ( 565710.5, 4191494.2,     104.2,     580.5,       0.0);         ( 565730.5, 4191494.2,
105.7,     580.5,       0.0);
     ( 565750.5, 4191494.2,     107.0,     580.5,       0.0);         ( 565770.5, 4191494.2,
108.4,     580.5,       0.0);
     ( 565790.5, 4191494.2,     109.9,     580.5,       0.0);         ( 565810.5, 4191494.2,
111.7,     580.5,       0.0);
     ( 565830.5, 4191494.2,     113.0,     580.5,       0.0);         ( 565850.5, 4191494.2,
115.5,     580.5,       0.0);
     ( 565870.5, 4191494.2,     117.7,     580.5,       0.0);         ( 565890.5, 4191494.2,
119.5,     580.5,       0.0);
     ( 565910.5, 4191494.2,     121.2,     580.5,       0.0);         ( 565930.5, 4191494.2,
124.0,     580.5,       0.0);
     ( 565950.5, 4191494.2,     127.3,     580.5,       0.0);         ( 565970.5, 4191494.2,
130.6,     580.5,       0.0);
     ( 565990.5, 4191494.2,     135.2,     580.5,       0.0);         ( 566010.5, 4191494.2,
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140.2,   580.5,   0.0);
     (566030.5, 4191494.2,   144.8,   580.5,   0.0);   (566050.5, 4191494.2,
149.7,   580.5,   0.0);
     (566070.5, 4191494.2,   154.8,   580.5,   0.0);   (566090.5, 4191494.2,
160.3,   580.5,   0.0);
     (566110.5, 4191494.2,   165.8,   580.5,   0.0);   (566130.5, 4191494.2,
171.0,   580.5,   0.0);
     (566150.5, 4191494.2,   175.6,   580.5,   0.0);   (566170.5, 4191494.2,
179.6,   580.5,   0.0);
     (566190.5, 4191494.2,   182.5,   580.5,   0.0);   (566210.5, 4191494.2,
185.1,   580.5,   0.0);
     (566230.5, 4191494.2,   186.6,   580.5,   0.0);   (566250.5, 4191494.2,
187.2,   580.5,   0.0);
     (566270.5, 4191494.2,   190.5,   580.5,   0.0);   (566290.5, 4191494.2,
195.3,   580.5,   0.0);
     (566310.5, 4191494.2,   197.4,   580.5,   0.0);   (566330.5, 4191494.2,
197.1,   580.5,   0.0);
     (566350.5, 4191494.2,   196.1,   580.5,   0.0);   (566370.5, 4191494.2,
197.0,   580.5,   0.0);
     (566390.5, 4191494.2,   203.1,   580.5,   0.0);   (566410.5, 4191494.2,
210.5,   580.5,   0.0);
     (566430.5, 4191494.2,   216.9,   580.5,   0.0);   (566450.5, 4191494.2,
221.3,   580.5,   0.0);
     (566470.5, 4191494.2,   224.2,   580.5,   0.0);   (566490.5, 4191494.2,
227.3,   580.5,   0.0);
     (566510.5, 4191494.2,   232.3,   580.5,   0.0);   (566530.5, 4191494.2,
235.5,   580.5,   0.0);
     (566550.5, 4191494.2,   236.8,   580.5,   0.0);   (566570.5, 4191494.2,
237.1,   580.5,   0.0);
     (565570.5, 4191514.2,   95.5,   580.5,   0.0);   (565590.5, 4191514.2,
96.8,   580.5,   0.0);
     (565610.5, 4191514.2,   98.2,   580.5,   0.0);   (565630.5, 4191514.2,
99.3,   580.5,   0.0);
     (565650.5, 4191514.2,   100.7,   580.5,   0.0);   (565670.5, 4191514.2,
102.1,   580.5,   0.0);

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

     (565690.5, 4191514.2,   103.5,   580.5,   0.0);   (565710.5, 4191514.2,
105.0,   580.5,   0.0);
     (565730.5, 4191514.2,   106.5,   580.5,   0.0);   (565750.5, 4191514.2,
107.9,   580.5,   0.0);
     (565770.5, 4191514.2,   109.2,   580.5,   0.0);   (565790.5, 4191514.2,
110.8,   580.5,   0.0);
     (565810.5, 4191514.2,   112.7,   580.5,   0.0);   (565830.5, 4191514.2,
114.1,   580.5,   0.0);
     (565850.5, 4191514.2,   116.6,   580.5,   0.0);   (565870.5, 4191514.2,
118.7,   580.5,   0.0);
     (565890.5, 4191514.2,   120.5,   580.5,   0.0);   (565910.5, 4191514.2,
122.7,   580.5,   0.0);
     (565930.5, 4191514.2,   125.9,   580.5,   0.0);   (565950.5, 4191514.2,
129.0,   580.5,   0.0);

(565970.5, 4191514.2, 132.8, 580.5, 0.0); (565990.5, 4191514.2, 137.5, 580.5, 0.0);
(566010.5, 4191514.2, 142.1, 580.5, 0.0); (566030.5, 4191514.2, 146.3, 580.5, 0.0);
(566050.5, 4191514.2, 151.2, 580.5, 0.0); (566070.5, 4191514.2, 157.2, 580.5, 0.0);
(566090.5, 4191514.2, 163.6, 580.5, 0.0); (566110.5, 4191514.2, 170.0, 580.5, 0.0);
(566130.5, 4191514.2, 175.9, 580.5, 0.0); (566150.5, 4191514.2, 180.8, 580.5, 0.0);
(566170.5, 4191514.2, 184.6, 580.5, 0.0); (566190.5, 4191514.2, 188.3, 580.5, 0.0);
(566210.5, 4191514.2, 192.4, 580.5, 0.0); (566230.5, 4191514.2, 195.8, 580.5, 0.0);
(566250.5, 4191514.2, 197.8, 580.5, 0.0); (566270.5, 4191514.2, 200.3, 580.5, 0.0);
(566290.5, 4191514.2, 205.8, 580.5, 0.0); (566310.5, 4191514.2, 209.0, 580.5, 0.0);
(566330.5, 4191514.2, 209.5, 580.5, 0.0); (566350.5, 4191514.2, 208.3, 580.5, 0.0);
(566370.5, 4191514.2, 207.6, 580.5, 0.0); (566390.5, 4191514.2, 210.6, 580.5, 0.0);
(566410.5, 4191514.2, 216.5, 580.5, 0.0); (566430.5, 4191514.2, 223.6, 580.5, 0.0);
(566450.5, 4191514.2, 229.9, 580.5, 0.0); (566470.5, 4191514.2, 234.3, 580.5, 0.0);
(566490.5, 4191514.2, 237.2, 580.5, 0.0); (566510.5, 4191514.2, 241.5, 580.5, 0.0);
(566530.5, 4191514.2, 245.3, 580.5, 0.0); (566550.5, 4191514.2, 247.2, 580.5, 0.0);
(566570.5, 4191514.2, 247.4, 580.5, 0.0); (565570.5, 4191534.2, 96.5, 580.5, 0.0);
(565590.5, 4191534.2, 97.4, 580.5, 0.0); (565610.5, 4191534.2, 98.5, 580.5, 0.0);
(565630.5, 4191534.2, 99.7, 580.5, 0.0); (565650.5, 4191534.2, 101.0, 580.5, 0.0);
(565670.5, 4191534.2, 102.4, 580.5, 0.0); (565690.5, 4191534.2, 103.9, 580.5, 0.0);
(565710.5, 4191534.2, 105.6, 580.5, 0.0); (565730.5, 4191534.2, 107.2, 580.5, 0.0);
(565750.5, 4191534.2, 108.5, 580.5, 0.0); (565770.5, 4191534.2, 109.9, 580.5, 0.0);
(565790.5, 4191534.2, 111.5, 580.5, 0.0); (565810.5, 4191534.2, 113.3, 580.5, 0.0);
(565830.5, 4191534.2, 115.0, 580.5, 0.0); (565850.5, 4191534.2, 117.4, 580.5, 0.0);
(565870.5, 4191534.2, 119.5, 580.5, 0.0); (565890.5, 4191534.2, 121.5, 580.5, 0.0);
(565910.5, 4191534.2, 124.0, 580.5, 0.0); (565930.5, 4191534.2, 127.5, 580.5, 0.0);
(565950.5, 4191534.2, 130.5, 580.5, 0.0); (565970.5, 4191534.2, 134.0, 580.5, 0.0);
(565990.5, 4191534.2, 138.4, 580.5, 0.0); (566010.5, 4191534.2, 143.2, 580.5, 0.0);
(566030.5, 4191534.2, 148.3, 580.5, 0.0); (566050.5, 4191534.2, 153.9, 580.5, 0.0);
(566070.5, 4191534.2, 160.2, 580.5, 0.0); (566090.5, 4191534.2, 167.3, 580.5, 0.0);
(566110.5, 4191534.2, 174.4, 580.5, 0.0); (566130.5, 4191534.2, 180.7, 580.5, 0.0);
(566150.5, 4191534.2, 185.7, 580.5, 0.0); (566170.5, 4191534.2,

189.6, 580.5, 0.0);
(566190.5, 4191534.2, 193.9, 580.5, 0.0); (566210.5, 4191534.2,
198.8, 580.5, 0.0);
(566230.5, 4191534.2, 203.3, 580.5, 0.0); (566250.5, 4191534.2,
206.6, 580.5, 0.0);
(566270.5, 4191534.2, 209.6, 580.5, 0.0); (566290.5, 4191534.2,
214.6, 580.5, 0.0);
(566310.5, 4191534.2, 218.1, 580.5, 0.0); (566330.5, 4191534.2,
219.6, 580.5, 0.0);
(566350.5, 4191534.2, 219.4, 580.5, 0.0); (566370.5, 4191534.2,
218.7, 580.5, 0.0);
(566390.5, 4191534.2, 220.2, 580.5, 0.0); (566410.5, 4191534.2,
224.2, 580.5, 0.0);
(566430.5, 4191534.2, 230.3, 580.5, 0.0); (566450.5, 4191534.2,
237.0, 580.5, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

(566470.5, 4191534.2, 242.6, 580.5, 0.0); (566490.5, 4191534.2,
246.7, 580.5, 0.0);
(566510.5, 4191534.2, 251.0, 580.5, 0.0); (566530.5, 4191534.2,
255.4, 580.5, 0.0);
(566550.5, 4191534.2, 257.8, 580.5, 0.0); (566570.5, 4191534.2,
258.0, 580.5, 0.0);
(565570.5, 4191554.2, 97.2, 580.5, 0.0); (565590.5, 4191554.2,
98.0, 580.5, 0.0);
(565610.5, 4191554.2, 98.8, 580.5, 0.0); (565630.5, 4191554.2,
100.0, 580.5, 0.0);
(565650.5, 4191554.2, 101.2, 580.5, 0.0); (565670.5, 4191554.2,
102.6, 580.5, 0.0);
(565690.5, 4191554.2, 104.2, 580.5, 0.0); (565710.5, 4191554.2,
106.0, 580.5, 0.0);
(565730.5, 4191554.2, 107.8, 580.5, 0.0); (565750.5, 4191554.2,
109.2, 580.5, 0.0);
(565770.5, 4191554.2, 110.6, 580.5, 0.0); (565790.5, 4191554.2,
112.1, 580.5, 0.0);
(565810.5, 4191554.2, 113.9, 580.5, 0.0); (565830.5, 4191554.2,
115.7, 580.5, 0.0);
(565850.5, 4191554.2, 118.0, 580.5, 0.0); (565870.5, 4191554.2,
120.2, 580.5, 0.0);
(565890.5, 4191554.2, 122.5, 580.5, 0.0); (565910.5, 4191554.2,
125.4, 580.5, 0.0);
(565930.5, 4191554.2, 129.0, 580.5, 0.0); (565950.5, 4191554.2,
131.8, 580.5, 0.0);
(565970.5, 4191554.2, 134.8, 580.5, 0.0); (565990.5, 4191554.2,
138.9, 580.5, 0.0);
(566010.5, 4191554.2, 144.3, 580.5, 0.0); (566030.5, 4191554.2,
150.6, 580.5, 0.0);
(566050.5, 4191554.2, 157.0, 580.5, 0.0); (566070.5, 4191554.2,
163.1, 580.5, 0.0);
(566090.5, 4191554.2, 170.6, 580.5, 0.0); (566110.5, 4191554.2,
178.2, 580.5, 0.0);

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     ( 566130.5, 4191554.2,     184.8,     580.5,       0.0);         ( 566150.5, 4191554.2,
189.9,     580.5,       0.0);
     ( 566170.5, 4191554.2,     194.0,     580.5,       0.0);         ( 566190.5, 4191554.2,
199.0,     580.5,       0.0);
     ( 566210.5, 4191554.2,     204.5,     580.5,       0.0);         ( 566230.5, 4191554.2,
209.6,     580.5,       0.0);
     ( 566250.5, 4191554.2,     213.9,     580.5,       0.0);         ( 566270.5, 4191554.2,
217.9,     580.5,       0.0);
     ( 566290.5, 4191554.2,     222.0,     580.5,       0.0);         ( 566310.5, 4191554.2,
225.4,     580.5,       0.0);
     ( 566330.5, 4191554.2,     227.8,     580.5,       0.0);         ( 566350.5, 4191554.2,
229.1,     580.5,       0.0);
     ( 566370.5, 4191554.2,     229.6,     580.5,       0.0);         ( 566390.5, 4191554.2,
230.7,     580.5,       0.0);
     ( 566410.5, 4191554.2,     232.8,     580.5,       0.0);         ( 566430.5, 4191554.2,
237.2,     580.5,       0.0);
     ( 566450.5, 4191554.2,     243.2,     580.5,       0.0);         ( 566470.5, 4191554.2,
249.9,     580.5,       0.0);
     ( 566490.5, 4191554.2,     256.0,     580.5,       0.0);         ( 566510.5, 4191554.2,
260.6,     580.5,       0.0);
     ( 566530.5, 4191554.2,     265.5,     580.5,       0.0);         ( 566550.5, 4191554.2,
268.4,     580.5,       0.0);
     ( 566570.5, 4191554.2,     268.7,     580.5,       0.0);         ( 565570.5, 4191574.2,
97.8,     580.5,       0.0);
     ( 565590.5, 4191574.2,      98.5,     580.5,       0.0);         ( 565610.5, 4191574.2,
99.2,     580.5,       0.0);
     ( 565630.5, 4191574.2,     100.2,     580.5,       0.0);         ( 565650.5, 4191574.2,
101.4,     580.5,       0.0);
     ( 565670.5, 4191574.2,     102.8,     580.5,       0.0);         ( 565690.5, 4191574.2,
104.3,     580.5,       0.0);
     ( 565710.5, 4191574.2,     106.1,     580.5,       0.0);         ( 565730.5, 4191574.2,
108.2,     580.5,       0.0);
     ( 565750.5, 4191574.2,     109.8,     580.5,       0.0);         ( 565770.5, 4191574.2,
111.3,     580.5,       0.0);
     ( 565790.5, 4191574.2,     112.9,     580.5,       0.0);         ( 565810.5, 4191574.2,
114.6,     580.5,       0.0);
     ( 565830.5, 4191574.2,     116.0,     580.5,       0.0);         ( 565850.5, 4191574.2,
118.3,     580.5,       0.0);
     ( 565870.5, 4191574.2,     120.8,     580.5,       0.0);         ( 565890.5, 4191574.2,
123.6,     580.5,       0.0);
     ( 565910.5, 4191574.2,     126.7,     580.5,       0.0);         ( 565930.5, 4191574.2,
130.0,     580.5,       0.0);
     ( 565950.5, 4191574.2,     132.5,     580.5,       0.0);         ( 565970.5, 4191574.2,
134.8,     580.5,       0.0);
     ( 565990.5, 4191574.2,     139.3,     580.5,       0.0);         ( 566010.5, 4191574.2,
145.8,     580.5,       0.0);
     ( 566030.5, 4191574.2,     153.1,     580.5,       0.0);         ( 566050.5, 4191574.2,
160.2,     580.5,       0.0);
     ( 566070.5, 4191574.2,     165.7,     580.5,       0.0);         ( 566090.5, 4191574.2,
172.7,     580.5,       0.0);
     ( 566110.5, 4191574.2,     179.6,     580.5,       0.0);         ( 566130.5, 4191574.2,
186.0,     580.5,       0.0);
     ( 566150.5, 4191574.2,     191.6,     580.5,       0.0);         ( 566170.5, 4191574.2,
196.5,     580.5,       0.0);
     ( 566190.5, 4191574.2,     202.2,     580.5,       0.0);         ( 566210.5, 4191574.2,
208.0,     580.5,       0.0);
↑ *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

```
     ( 566230.5, 4191574.2,     213.2,     580.5,       0.0);         ( 566250.5, 4191574.2,
217.6,     580.5,       0.0);
     ( 566270.5, 4191574.2,     221.7,     580.5,       0.0);         ( 566290.5, 4191574.2,
225.1,     580.5,       0.0);
     ( 566310.5, 4191574.2,     228.2,     580.5,       0.0);         ( 566330.5, 4191574.2,
231.1,     580.5,       0.0);
     ( 566350.5, 4191574.2,     233.7,     580.5,       0.0);         ( 566370.5, 4191574.2,
236.1,     580.5,       0.0);
     ( 566390.5, 4191574.2,     238.7,     580.5,       0.0);         ( 566410.5, 4191574.2,
241.6,     580.5,       0.0);
     ( 566430.5, 4191574.2,     245.7,     580.5,       0.0);         ( 566450.5, 4191574.2,
250.9,     580.5,       0.0);
     ( 566470.5, 4191574.2,     256.8,     580.5,       0.0);         ( 566490.5, 4191574.2,
262.7,     580.5,       0.0);
     ( 566510.5, 4191574.2,     268.0,     580.5,       0.0);         ( 566530.5, 4191574.2,
273.1,     580.5,       0.0);
     ( 566550.5, 4191574.2,     276.6,     580.5,       0.0);         ( 566570.5, 4191574.2,
278.4,     580.5,       0.0);
     ( 565570.5, 4191594.2,      98.4,     580.5,       0.0);         ( 565590.5, 4191594.2,
99.2,     580.5,       0.0);
     ( 565610.5, 4191594.2,     100.1,     580.5,       0.0);         ( 565630.5, 4191594.2,
100.9,     580.5,       0.0);
     ( 565650.5, 4191594.2,     101.9,     580.5,       0.0);         ( 565670.5, 4191594.2,
103.0,     580.5,       0.0);
     ( 565690.5, 4191594.2,     104.4,     580.5,       0.0);         ( 565710.5, 4191594.2,
106.0,     580.5,       0.0);
     ( 565730.5, 4191594.2,     108.3,     580.5,       0.0);         ( 565750.5, 4191594.2,
110.1,     580.5,       0.0);
     ( 565770.5, 4191594.2,     111.8,     580.5,       0.0);         ( 565790.5, 4191594.2,
113.5,     580.5,       0.0);
     ( 565810.5, 4191594.2,     115.0,     580.5,       0.0);         ( 565830.5, 4191594.2,
116.5,     580.5,       0.0);
     ( 565850.5, 4191594.2,     118.8,     580.5,       0.0);         ( 565870.5, 4191594.2,
121.9,     580.5,       0.0);
     ( 565890.5, 4191594.2,     125.3,     580.5,       0.0);         ( 565910.5, 4191594.2,
128.5,     580.5,       0.0);
     ( 565930.5, 4191594.2,     131.0,     580.5,       0.0);         ( 565950.5, 4191594.2,
132.8,     580.5,       0.0);
     ( 565970.5, 4191594.2,     135.2,     580.5,       0.0);         ( 565990.5, 4191594.2,
140.2,     580.5,       0.0);
     ( 566010.5, 4191594.2,     147.1,     580.5,       0.0);         ( 566030.5, 4191594.2,
155.0,     580.5,       0.0);
     ( 566050.5, 4191594.2,     162.4,     580.5,       0.0);         ( 566070.5, 4191594.2,
167.2,     580.5,       0.0);
     ( 566090.5, 4191594.2,     173.6,     580.5,       0.0);         ( 566110.5, 4191594.2,
180.2,     580.5,       0.0);
     ( 566130.5, 4191594.2,     186.7,     580.5,       0.0);         ( 566150.5, 4191594.2,
192.9,     580.5,       0.0);
     ( 566170.5, 4191594.2,     198.4,     580.5,       0.0);         ( 566190.5, 4191594.2,
204.4,     580.5,       0.0);
     ( 566210.5, 4191594.2,     210.1,     580.5,       0.0);         ( 566230.5, 4191594.2,
215.2,     580.5,       0.0);
     ( 566250.5, 4191594.2,     219.6,     580.5,       0.0);         ( 566270.5, 4191594.2,
223.0,     580.5,       0.0);
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     ( 566290.5, 4191594.2,     225.5,     580.5,       0.0);         ( 566310.5, 4191594.2,
228.3,     580.5,       0.0);
     ( 566330.5, 4191594.2,     231.6,     580.5,       0.0);         ( 566350.5, 4191594.2,
235.4,     580.5,       0.0);
     ( 566370.5, 4191594.2,     239.2,     580.5,       0.0);         ( 566390.5, 4191594.2,
243.0,     580.5,       0.0);
     ( 566410.5, 4191594.2,     246.9,     580.5,       0.0);         ( 566430.5, 4191594.2,
251.3,     580.5,       0.0);
     ( 566450.5, 4191594.2,     256.2,     580.5,       0.0);         ( 566470.5, 4191594.2,
261.6,     580.5,       0.0);
     ( 566490.5, 4191594.2,     267.2,     580.5,       0.0);         ( 566510.5, 4191594.2,
272.7,     580.5,       0.0);
     ( 566530.5, 4191594.2,     277.9,     580.5,       0.0);         ( 566550.5, 4191594.2,
282.3,     580.5,       0.0);
     ( 566570.5, 4191594.2,     285.4,     580.5,       0.0);         ( 565570.5, 4191614.2,
98.9,     580.5,       0.0);
     ( 565590.5, 4191614.2,      99.8,     580.5,       0.0);         ( 565610.5, 4191614.2,
100.9,     580.5,       0.0);
     ( 565630.5, 4191614.2,     101.7,     580.5,       0.0);         ( 565650.5, 4191614.2,
102.5,     580.5,       0.0);
     ( 565670.5, 4191614.2,     103.4,     580.5,       0.0);         ( 565690.5, 4191614.2,
104.6,     580.5,       0.0);
     ( 565710.5, 4191614.2,     106.2,     580.5,       0.0);         ( 565730.5, 4191614.2,
108.5,     580.5,       0.0);
     ( 565750.5, 4191614.2,     110.5,     580.5,       0.0);         ( 565770.5, 4191614.2,
112.4,     580.5,       0.0);
     ( 565790.5, 4191614.2,     114.0,     580.5,       0.0);         ( 565810.5, 4191614.2,
115.4,     580.5,       0.0);
     ( 565830.5, 4191614.2,     117.1,     580.5,       0.0);         ( 565850.5, 4191614.2,
119.9,     580.5,       0.0);
     ( 565870.5, 4191614.2,     123.5,     580.5,       0.0);         ( 565890.5, 4191614.2,
127.1,     580.5,       0.0);
     ( 565910.5, 4191614.2,     130.1,     580.5,       0.0);         ( 565930.5, 4191614.2,
131.8,     580.5,       0.0);
     ( 565950.5, 4191614.2,     133.0,     580.5,       0.0);         ( 565970.5, 4191614.2,
135.9,     580.5,       0.0);
*** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

     ( 565990.5, 4191614.2,     141.2,     580.5,       0.0);         ( 566010.5, 4191614.2,
148.4,     580.5,       0.0);
     ( 566030.5, 4191614.2,     156.3,     580.5,       0.0);         ( 566050.5, 4191614.2,
163.7,     580.5,       0.0);
     ( 566070.5, 4191614.2,     167.9,     580.5,       0.0);         ( 566090.5, 4191614.2,
173.6,     580.5,       0.0);
     ( 566110.5, 4191614.2,     180.1,     580.5,       0.0);         ( 566130.5, 4191614.2,
186.9,     580.5,       0.0);
     ( 566150.5, 4191614.2,     193.8,     580.5,       0.0);         ( 566170.5, 4191614.2,
199.8,     580.5,       0.0);
     ( 566190.5, 4191614.2,     205.7,     580.5,       0.0);         ( 566210.5, 4191614.2,
211.1,     580.5,       0.0);
     ( 566230.5, 4191614.2,     216.1,     580.5,       0.0);         ( 566250.5, 4191614.2,
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220.1, 580.5, 0.0);
(566270.5, 4191614.2, 222.6, 580.5, 0.0); (566290.5, 4191614.2,
223.9, 580.5, 0.0);
(566310.5, 4191614.2, 226.3, 580.5, 0.0); (566330.5, 4191614.2,
230.1, 580.5, 0.0);
(566350.5, 4191614.2, 234.8, 580.5, 0.0); (566370.5, 4191614.2,
239.6, 580.5, 0.0);
(566390.5, 4191614.2, 244.4, 580.5, 0.0); (566410.5, 4191614.2,
249.2, 580.5, 0.0);
(566430.5, 4191614.2, 254.4, 580.5, 0.0); (566450.5, 4191614.2,
259.5, 580.5, 0.0);
(566470.5, 4191614.2, 264.5, 580.5, 0.0); (566490.5, 4191614.2,
269.6, 580.5, 0.0);
(566510.5, 4191614.2, 274.9, 580.5, 0.0); (566530.5, 4191614.2,
280.2, 580.5, 0.0);
(566550.5, 4191614.2, 285.4, 580.5, 0.0); (566570.5, 4191614.2,
289.9, 580.5, 0.0);
(565570.5, 4191634.2, 99.3, 580.5, 0.0); (565590.5, 4191634.2,
100.2, 580.5, 0.0);
(565610.5, 4191634.2, 101.5, 580.5, 0.0); (565630.5, 4191634.2,
102.5, 580.5, 0.0);
(565650.5, 4191634.2, 103.2, 580.5, 0.0); (565670.5, 4191634.2,
104.1, 580.5, 0.0);
(565690.5, 4191634.2, 105.4, 580.5, 0.0); (565710.5, 4191634.2,
107.2, 580.5, 0.0);
(565730.5, 4191634.2, 109.2, 580.5, 0.0); (565750.5, 4191634.2,
111.1, 580.5, 0.0);
(565770.5, 4191634.2, 112.9, 580.5, 0.0); (565790.5, 4191634.2,
114.5, 580.5, 0.0);
(565810.5, 4191634.2, 116.1, 580.5, 0.0); (565830.5, 4191634.2,
118.5, 580.5, 0.0);
(565850.5, 4191634.2, 122.4, 580.5, 0.0); (565870.5, 4191634.2,
126.0, 580.5, 0.0);
(565890.5, 4191634.2, 129.0, 580.5, 0.0); (565910.5, 4191634.2,
130.9, 580.5, 0.0);
(565930.5, 4191634.2, 131.9, 580.5, 0.0); (565950.5, 4191634.2,
133.8, 580.5, 0.0);
(565970.5, 4191634.2, 137.4, 580.5, 0.0); (565990.5, 4191634.2,
142.5, 580.5, 0.0);
(566010.5, 4191634.2, 149.0, 580.5, 0.0); (566030.5, 4191634.2,
156.2, 580.5, 0.0);
(566050.5, 4191634.2, 162.3, 580.5, 0.0); (566070.5, 4191634.2,
166.4, 580.5, 0.0);
(566090.5, 4191634.2, 171.4, 580.5, 0.0); (566110.5, 4191634.2,
177.8, 580.5, 0.0);
(566130.5, 4191634.2, 185.1, 580.5, 0.0); (566150.5, 4191634.2,
192.5, 580.5, 0.0);
(566170.5, 4191634.2, 198.7, 580.5, 0.0); (566190.5, 4191634.2,
204.1, 580.5, 0.0);
(566210.5, 4191634.2, 209.0, 580.5, 0.0); (566230.5, 4191634.2,
213.4, 580.5, 0.0);
(566250.5, 4191634.2, 216.8, 580.5, 0.0); (566270.5, 4191634.2,
218.6, 580.5, 0.0);
(566290.5, 4191634.2, 219.5, 580.5, 0.0); (566310.5, 4191634.2,
222.0, 580.5, 0.0);
(566330.5, 4191634.2, 226.2, 580.5, 0.0); (566350.5, 4191634.2,
231.3, 580.5, 0.0);
(566370.5, 4191634.2, 236.6, 580.5, 0.0); (566390.5, 4191634.2,
241.7, 580.5, 0.0);
(565570.5, 4191654.2, 99.8, 580.5, 0.0); (565590.5, 4191654.2,
100.9, 580.5, 0.0);

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     ( 565610.5, 4191654.2,     102.2,     580.5,       0.0);         ( 565630.5, 4191654.2,
103.3,     580.5,       0.0);
     ( 565650.5, 4191654.2,     104.1,     580.5,       0.0);         ( 565670.5, 4191654.2,
105.2,     580.5,       0.0);
     ( 565690.5, 4191654.2,     106.7,     580.5,       0.0);         ( 565710.5, 4191654.2,
108.5,     580.5,       0.0);
     ( 565730.5, 4191654.2,     110.2,     580.5,       0.0);         ( 565750.5, 4191654.2,
112.0,     580.5,       0.0);
     ( 565770.5, 4191654.2,     114.0,     580.5,       0.0);         ( 565790.5, 4191654.2,
116.1,     580.5,       0.0);
     ( 565810.5, 4191654.2,     118.4,     580.5,       0.0);         ( 565830.5, 4191654.2,
121.1,     580.5,       0.0);
     ( 566010.5, 4191654.2,     147.6,     580.5,       0.0);         ( 566030.5, 4191654.2,
153.1,     580.5,       0.0);
     ( 566050.5, 4191654.2,     157.8,     580.5,       0.0);         ( 566070.5, 4191654.2,
161.9,     580.5,       0.0);
↑ *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

     ( 566090.5, 4191654.2,     167.1,     580.5,       0.0);         ( 566110.5, 4191654.2,
173.5,     580.5,       0.0);
     ( 566130.5, 4191654.2,     180.5,     580.5,       0.0);         ( 566150.5, 4191654.2,
187.4,     580.5,       0.0);
     ( 566170.5, 4191654.2,     193.9,     580.5,       0.0);         ( 566190.5, 4191654.2,
199.3,     580.5,       0.0);
     ( 566210.5, 4191654.2,     203.9,     580.5,       0.0);         ( 566230.5, 4191654.2,
207.7,     580.5,       0.0);
     ( 566250.5, 4191654.2,     210.7,     580.5,       0.0);         ( 566270.5, 4191654.2,
212.1,     580.5,       0.0);
     ( 566290.5, 4191654.2,     213.7,     580.5,       0.0);         ( 566310.5, 4191654.2,
217.2,     580.5,       0.0);
     ( 565570.5, 4191674.2,     100.6,     580.5,       0.0);         ( 565590.5, 4191674.2,
101.8,     580.5,       0.0);
     ( 565610.5, 4191674.2,     103.0,     580.5,       0.0);         ( 565630.5, 4191674.2,
104.1,     580.5,       0.0);
     ( 565650.5, 4191674.2,     105.1,     580.5,       0.0);         ( 565670.5, 4191674.2,
106.4,     580.5,       0.0);
     ( 565690.5, 4191674.2,     108.0,     580.5,       0.0);         ( 565710.5, 4191674.2,
109.7,     580.5,       0.0);
     ( 565730.5, 4191674.2,     111.3,     580.5,       0.0);         ( 566010.5, 4191674.2,
145.2,     580.5,       0.0);
     ( 566030.5, 4191674.2,     148.2,     580.5,       0.0);         ( 566050.5, 4191674.2,
151.4,     580.5,       0.0);
     ( 566070.5, 4191674.2,     155.6,     580.5,       0.0);         ( 566090.5, 4191674.2,
161.4,     580.5,       0.0);
     ( 566110.5, 4191674.2,     167.8,     580.5,       0.0);         ( 566130.5, 4191674.2,
173.8,     580.5,       0.0);
     ( 566150.5, 4191674.2,     179.6,     580.5,       0.0);         ( 566170.5, 4191674.2,
186.2,     580.5,       0.0);
     ( 566190.5, 4191674.2,     192.0,     580.5,       0.0);         ( 566210.5, 4191674.2,
196.3,     580.5,       0.0);
     ( 566230.5, 4191674.2,     199.7,     580.5,       0.0);         ( 566250.5, 4191674.2,
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202.1,     580.5,       0.0);
     ( 566270.5, 4191674.2,     203.4,     580.5,       0.0);         ( 566290.5, 4191674.2,
206.9,     580.5,       0.0);
     ( 565570.5, 4191694.2,     102.0,     580.5,       0.0);         ( 565590.5, 4191694.2,
103.1,     580.5,       0.0);
     ( 565610.5, 4191694.2,     104.0,     580.5,       0.0);         ( 565630.5, 4191694.2,
105.0,     580.5,       0.0);
     ( 565650.5, 4191694.2,     106.3,     580.5,       0.0);         ( 565670.5, 4191694.2,
107.7,     580.5,       0.0);
     ( 565690.5, 4191694.2,     109.1,     580.5,       0.0);         ( 565710.5, 4191694.2,
110.7,     580.5,       0.0);
     ( 565730.5, 4191694.2,     112.2,     580.5,       0.0);         ( 566050.5, 4191694.2,
146.9,     580.5,       0.0);
     ( 566070.5, 4191694.2,     150.3,     580.5,       0.0);         ( 566090.5, 4191694.2,
155.6,     580.5,       0.0);
     ( 566110.5, 4191694.2,     161.4,     580.5,       0.0);         ( 566130.5, 4191694.2,
167.2,     580.5,       0.0);
     ( 566150.5, 4191694.2,     172.9,     580.5,       0.0);         ( 566170.5, 4191694.2,
179.2,     580.5,       0.0);
     ( 566190.5, 4191694.2,     184.9,     580.5,       0.0);         ( 566210.5, 4191694.2,
188.8,     580.5,       0.0);
     ( 566230.5, 4191694.2,     191.2,     580.5,       0.0);         ( 566250.5, 4191694.2,
193.4,     580.5,       0.0);
     ( 566270.5, 4191694.2,     196.8,     580.5,       0.0);         ( 565570.5, 4191714.2,
102.9,     580.5,       0.0);
     ( 565590.5, 4191714.2,     104.3,     580.5,       0.0);         ( 565610.5, 4191714.2,
105.5,     580.5,       0.0);
     ( 565630.5, 4191714.2,     106.5,     580.5,       0.0);         ( 565650.5, 4191714.2,
107.7,     580.5,       0.0);
     ( 565670.5, 4191714.2,     109.0,     580.5,       0.0);         ( 565690.5, 4191714.2,
110.4,     580.5,       0.0);
     ( 565710.5, 4191714.2,     111.7,     580.5,       0.0);         ( 565730.5, 4191714.2,
113.1,     580.5,       0.0);
     ( 566070.5, 4191714.2,     147.1,     580.5,       0.0);         ( 566090.5, 4191714.2,
150.9,     580.5,       0.0);
     ( 566110.5, 4191714.2,     155.4,     580.5,       0.0);         ( 566130.5, 4191714.2,
160.7,     580.5,       0.0);
     ( 566150.5, 4191714.2,     166.5,     580.5,       0.0);         ( 566170.5, 4191714.2,
172.8,     580.5,       0.0);
     ( 566190.5, 4191714.2,     178.5,     580.5,       0.0);         ( 565570.5, 4191734.2,
103.6,     580.5,       0.0);
     ( 565590.5, 4191734.2,     105.4,     580.5,       0.0);         ( 565610.5, 4191734.2,
107.3,     580.5,       0.0);
     ( 565630.5, 4191734.2,     108.1,     580.5,       0.0);         ( 565650.5, 4191734.2,
109.2,     580.5,       0.0);
     ( 565670.5, 4191734.2,     110.5,     580.5,       0.0);         ( 565690.5, 4191734.2,
111.7,     580.5,       0.0);
     ( 565710.5, 4191734.2,     112.7,     580.5,       0.0);         ( 566110.5, 4191734.2,
149.8,     580.5,       0.0);
     ( 566130.5, 4191734.2,     154.2,     580.5,       0.0);         ( 566150.5, 4191734.2,
160.4,     580.5,       0.0);
     ( 566170.5, 4191734.2,     166.8,     580.5,       0.0);         ( 566190.5, 4191734.2,
172.8,     580.5,       0.0);
     ( 565570.5, 4191754.2,     104.4,     580.5,       0.0);         ( 565590.5, 4191754.2,
106.3,     580.5,       0.0);
     ( 565610.5, 4191754.2,     108.2,     580.5,       0.0);         ( 565630.5, 4191754.2,
108.9,     580.5,       0.0);
 *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

(565650.5, 4191754.2, 110.6, 580.5, 0.0); (565670.5, 4191754.2, 112.2, 580.5, 0.0);
(565690.5, 4191754.2, 113.2, 580.5, 0.0); (565710.5, 4191754.2, 113.9, 580.5, 0.0);
(566130.5, 4191754.2, 150.5, 580.5, 0.0); (566150.5, 4191754.2, 155.0, 580.5, 0.0);
(566170.5, 4191754.2, 160.6, 580.5, 0.0); (566190.5, 4191754.2, 165.9, 580.5, 0.0);
(565570.5, 4191774.2, 105.0, 580.5, 0.0); (565590.5, 4191774.2, 106.7, 580.5, 0.0);
(565610.5, 4191774.2, 108.6, 580.5, 0.0); (565630.5, 4191774.2, 109.5, 580.5, 0.0);
(565650.5, 4191774.2, 111.6, 580.5, 0.0); (565670.5, 4191774.2, 113.6, 580.5, 0.0);
(565690.5, 4191774.2, 114.8, 580.5, 0.0); (565710.5, 4191774.2, 115.4, 580.5, 0.0);
(566170.5, 4191774.2, 155.0, 580.5, 0.0); (566190.5, 4191774.2, 159.3, 580.5, 0.0);
(565570.5, 4191794.2, 105.4, 580.5, 0.0); (565590.5, 4191794.2, 106.8, 580.5, 0.0);
(565610.5, 4191794.2, 108.7, 580.5, 0.0); (565630.5, 4191794.2, 110.0, 580.5, 0.0);
(565650.5, 4191794.2, 112.5, 580.5, 0.0); (565670.5, 4191794.2, 114.8, 580.5, 0.0);
(565690.5, 4191794.2, 116.3, 580.5, 0.0); (565710.5, 4191794.2, 117.0, 580.5, 0.0);
(565570.5, 4191814.2, 105.5, 580.5, 0.0); (565590.5, 4191814.2, 107.2, 580.5, 0.0);
(565610.5, 4191814.2, 109.1, 580.5, 0.0); (565630.5, 4191814.2, 110.3, 580.5, 0.0);
(565650.5, 4191814.2, 113.2, 580.5, 0.0); (565670.5, 4191814.2, 115.8, 580.5, 0.0);
(565690.5, 4191814.2, 117.3, 580.5, 0.0); (565710.5, 4191814.2, 117.9, 580.5, 0.0);
(565570.5, 4191834.2, 105.5, 580.5, 0.0); (565590.5, 4191834.2, 107.4, 580.5, 0.0);
(565610.5, 4191834.2, 109.4, 580.5, 0.0); (565630.5, 4191834.2, 110.6, 580.5, 0.0);
(565650.5, 4191834.2, 113.3, 580.5, 0.0); (565670.5, 4191834.2, 115.8, 580.5, 0.0);
(565690.5, 4191834.2, 117.4, 580.5, 0.0); (565710.5, 4191834.2, 118.2, 580.5, 0.0);
(565570.5, 4191854.2, 105.3, 580.5, 0.0); (565590.5, 4191854.2, 107.5, 580.5, 0.0);
(565610.5, 4191854.2, 109.5, 580.5, 0.0); (565630.5, 4191854.2, 110.9, 580.5, 0.0);
(565650.5, 4191854.2, 112.9, 580.5, 0.0); (565670.5, 4191854.2, 114.9, 580.5, 0.0);
(565690.5, 4191854.2, 116.7, 580.5, 0.0); (565710.5, 4191854.2, 118.1, 580.5, 0.0);
(565570.5, 4191874.2, 105.2, 580.5, 0.0); (565590.5, 4191874.2, 107.6, 580.5, 0.0);
(565610.5, 4191874.2, 109.5, 580.5, 0.0); (565630.5, 4191874.2,

111.3, 580.5, 0.0);
(565650.5, 4191874.2, 113.5, 580.5, 0.0); (565670.5, 4191874.2,
115.5, 580.5, 0.0);
(565690.5, 4191874.2, 117.4, 580.5, 0.0); (565710.5, 4191874.2,
119.0, 580.5, 0.0);
(565570.5, 4191894.2, 105.6, 580.5, 0.0); (565590.5, 4191894.2,
108.1, 580.5, 0.0);
(565610.5, 4191894.2, 110.1, 580.5, 0.0); (565630.5, 4191894.2,
112.2, 580.5, 0.0);
(565650.5, 4191894.2, 114.3, 580.5, 0.0); (565670.5, 4191894.2,
116.4, 580.5, 0.0);
(565690.5, 4191894.2, 118.3, 580.5, 0.0); (565710.5, 4191894.2,
119.8, 580.5, 0.0);
(565570.5, 4191914.2, 106.5, 580.5, 0.0); (565590.5, 4191914.2,
109.0, 580.5, 0.0);
(565610.5, 4191914.2, 111.3, 580.5, 0.0); (565630.5, 4191914.2,
113.6, 580.5, 0.0);
(565650.5, 4191914.2, 115.6, 580.5, 0.0); (565670.5, 4191914.2,
117.6, 580.5, 0.0);
(565690.5, 4191914.2, 119.4, 580.5, 0.0); (565710.5, 4191914.2,
120.7, 580.5, 0.0);
(565570.5, 4191934.2, 109.1, 580.5, 0.0); (565590.5, 4191934.2,
111.6, 580.5, 0.0);
(565610.5, 4191934.2, 113.9, 580.5, 0.0); (565630.5, 4191934.2,
115.7, 580.5, 0.0);
(565650.5, 4191934.2, 117.2, 580.5, 0.0); (565670.5, 4191934.2,
118.7, 580.5, 0.0);
(565690.5, 4191934.2, 120.1, 580.5, 0.0); (565710.5, 4191934.2,
121.3, 580.5, 0.0);
(565570.5, 4191954.2, 112.1, 580.5, 0.0); (565590.5, 4191954.2,
114.6, 580.5, 0.0);
(565610.5, 4191954.2, 116.8, 580.5, 0.0); (565630.5, 4191954.2,
118.2, 580.5, 0.0);
(565650.5, 4191954.2, 119.3, 580.5, 0.0); (565670.5, 4191954.2,
120.2, 580.5, 0.0);
(565690.5, 4191954.2, 121.3, 580.5, 0.0); (565710.5, 4191954.2,
122.5, 580.5, 0.0);

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

(565570.5, 4191974.2, 115.6, 580.5, 0.0); (565590.5, 4191974.2,
118.1, 580.5, 0.0);
(565610.5, 4191974.2, 120.3, 580.5, 0.0); (565630.5, 4191974.2,
121.2, 580.5, 0.0);
(565650.5, 4191974.2, 122.0, 580.5, 0.0); (565670.5, 4191974.2,
122.5, 580.5, 0.0);
(565690.5, 4191974.2, 123.3, 580.5, 0.0); (565710.5, 4191974.2,
124.8, 580.5, 0.0);
(565570.5, 4191994.2, 118.4, 580.5, 0.0); (565590.5, 4191994.2,
121.1, 580.5, 0.0);
(565610.5, 4191994.2, 123.6, 580.5, 0.0); (565630.5, 4191994.2,
125.1, 580.5, 0.0);

(565650.5, 4191994.2, 125.8, 580.5, 0.0); (565670.5, 4191994.2, 126.3, 580.5, 0.0);
(565690.5, 4191994.2, 127.2, 580.5, 0.0); (565710.5, 4191994.2, 128.7, 580.5, 0.0);
(565570.5, 4192014.2, 120.6, 580.5, 0.0); (565590.5, 4192014.2, 123.2, 580.5, 0.0);
(565610.5, 4192014.2, 126.3, 580.5, 0.0); (565630.5, 4192014.2, 129.1, 580.5, 0.0);
(565650.5, 4192014.2, 129.7, 580.5, 0.0); (565670.5, 4192014.2, 130.2, 580.5, 0.0);
(565690.5, 4192014.2, 131.2, 580.5, 0.0); (565710.5, 4192014.2, 132.9, 580.5, 0.0);
(565570.5, 4192034.2, 121.6, 580.5, 0.0); (565590.5, 4192034.2, 123.7, 580.5, 0.0);
(565610.5, 4192034.2, 127.8, 580.5, 0.0); (565630.5, 4192034.2, 133.0, 580.5, 0.0);
(565650.5, 4192034.2, 133.4, 580.5, 0.0); (565670.5, 4192034.2, 133.5, 580.5, 0.0);
(565690.5, 4192034.2, 134.4, 580.5, 0.0); (565710.5, 4192034.2, 136.9, 580.5, 0.0);
(565570.5, 4192054.2, 123.6, 580.5, 0.0); (565590.5, 4192054.2, 125.5, 580.5, 0.0);
(565610.5, 4192054.2, 129.8, 580.5, 0.0); (565630.5, 4192054.2, 135.6, 580.5, 0.0);
(565650.5, 4192054.2, 136.5, 580.5, 0.0); (565670.5, 4192054.2, 137.1, 580.5, 0.0);
(565690.5, 4192054.2, 138.9, 580.5, 0.0); (565570.5, 4192074.2, 126.5, 580.5, 0.0);
(565590.5, 4192074.2, 128.5, 580.5, 0.0); (565610.5, 4192074.2, 132.3, 580.5, 0.0);
(565630.5, 4192074.2, 137.6, 580.5, 0.0); (565650.5, 4192074.2, 139.2, 580.5, 0.0);
(565670.5, 4192074.2, 140.9, 580.5, 0.0); (565690.5, 4192074.2, 143.8, 580.5, 0.0);
(565570.5, 4192094.2, 131.5, 580.5, 0.0); (565590.5, 4192094.2, 134.2, 580.5, 0.0);
(565610.5, 4192094.2, 136.6, 580.5, 0.0); (565630.5, 4192094.2, 139.2, 580.5, 0.0);
(565650.5, 4192094.2, 141.7, 580.5, 0.0); (565570.5, 4192114.2, 133.7, 580.5, 0.0);
(565590.5, 4192114.2, 136.8, 580.5, 0.0); (565610.5, 4192114.2, 139.0, 580.5, 0.0);
(565630.5, 4192114.2, 141.1, 580.5, 0.0); (565650.5, 4192114.2, 144.4, 580.5, 0.0);
(565570.5, 4192134.2, 134.5, 580.5, 0.0); (565590.5, 4192134.2, 138.1, 580.5, 0.0);
(565610.5, 4192134.2, 140.7, 580.5, 0.0); (565630.5, 4192134.2, 143.4, 580.5, 0.0);
(565570.5, 4192154.2, 134.9, 580.5, 0.0); (565590.5, 4192154.2, 139.1, 580.5, 0.0);
(565610.5, 4192154.2, 143.0, 580.5, 0.0); (565630.5, 4192154.2, 147.1, 580.5, 0.0);
(565570.5, 4192174.2, 137.1, 580.5, 0.0); (565590.5, 4192174.2, 141.8, 580.5, 0.0);
(565610.5, 4192174.2, 146.6, 580.5, 0.0); (565630.5, 4192174.2, 151.7, 580.5, 0.0);
(565690.5, 4192174.2, 166.4, 580.5, 0.0); (565710.5, 4192174.2, 171.4, 580.5, 0.0);
(565730.5, 4192174.2, 175.1, 580.5, 0.0); (565750.5, 4192174.2, 177.5, 580.5, 0.0);
(565770.5, 4192174.2, 181.6, 580.5, 0.0); (565790.5, 4192174.2,

189.1, 580.5, 0.0);
(565810.5, 4192174.2, 197.6, 580.5, 0.0); (565570.5, 4192194.2,
140.6, 580.5, 0.0);
(565590.5, 4192194.2, 145.6, 580.5, 0.0); (565610.5, 4192194.2,
151.2, 580.5, 0.0);
(565630.5, 4192194.2, 156.8, 580.5, 0.0); (565650.5, 4192194.2,
161.9, 580.5, 0.0);
(565670.5, 4192194.2, 167.6, 580.5, 0.0); (565690.5, 4192194.2,
173.0, 580.5, 0.0);
(565710.5, 4192194.2, 177.6, 580.5, 0.0); (565730.5, 4192194.2,
180.8, 580.5, 0.0);
(565750.5, 4192194.2, 183.7, 580.5, 0.0); (565770.5, 4192194.2,
185.5, 580.5, 0.0);
(565790.5, 4192194.2, 189.4, 580.5, 0.0); (565810.5, 4192194.2,
195.6, 580.5, 0.0);
(565570.5, 4192214.2, 146.0, 580.5, 0.0); (565590.5, 4192214.2,
151.0, 580.5, 0.0);

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

(565610.5, 4192214.2, 156.6, 580.5, 0.0); (565630.5, 4192214.2,
163.1, 580.5, 0.0);
(565650.5, 4192214.2, 169.2, 580.5, 0.0); (565670.5, 4192214.2,
175.1, 580.5, 0.0);
(565690.5, 4192214.2, 179.8, 580.5, 0.0); (565710.5, 4192214.2,
184.0, 580.5, 0.0);
(565730.5, 4192214.2, 188.4, 580.5, 0.0); (565750.5, 4192214.2,
192.4, 580.5, 0.0);
(565770.5, 4192214.2, 194.7, 580.5, 0.0); (565790.5, 4192214.2,
196.7, 580.5, 0.0);
(565810.5, 4192214.2, 199.9, 580.5, 0.0); (565570.5, 4192234.2,
150.5, 580.5, 0.0);
(565590.5, 4192234.2, 155.7, 580.5, 0.0); (565610.5, 4192234.2,
161.7, 580.5, 0.0);
(565630.5, 4192234.2, 169.1, 580.5, 0.0); (565650.5, 4192234.2,
175.7, 580.5, 0.0);
(565670.5, 4192234.2, 181.2, 580.5, 0.0); (565690.5, 4192234.2,
185.5, 580.5, 0.0);
(565710.5, 4192234.2, 190.0, 580.5, 0.0); (565730.5, 4192234.2,
195.6, 580.5, 0.0);
(565750.5, 4192234.2, 200.5, 580.5, 0.0); (565770.5, 4192234.2,
203.6, 580.5, 0.0);
(565790.5, 4192234.2, 205.0, 580.5, 0.0); (565810.5, 4192234.2,
206.2, 580.5, 0.0);
(566610.6, 4191596.9, 291.2, 580.5, 0.0); (566595.0, 4191572.6,
278.8, 580.5, 0.0);
(566676.8, 4191551.7, 276.9, 580.5, 0.0); (566582.8, 4191498.5,
239.5, 580.5, 0.0);
(566607.2, 4191478.5, 237.2, 580.5, 0.0); (566639.4, 4191459.3,
247.2, 580.5, 0.0);
(566588.0, 4191437.5, 233.2, 580.5, 0.0); (566635.9, 4191431.4,
252.6, 580.5, 0.0);

```
     ( 566616.7, 4191406.2,     253.0,     580.5,       0.0);         ( 566600.2, 4191377.4,
253.2,     580.5,       0.0);
     ( 566633.3, 4191315.6,     272.0,     580.5,       0.0);         ( 566669.0, 4191327.8,
286.5,     580.5,       0.0);
     ( 566868.5, 4191523.8,     329.8,     580.5,       0.0);         ( 566872.0, 4191416.6,
339.9,     580.5,       0.0);
     ( 566934.7, 4191401.0,     357.8,     538.2,       0.0);
```



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                                                *** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
                                                                    (1=YES; 0=NO)

            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1
1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1
1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1
1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1
1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1
1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1
1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1
1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1
1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1

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


                                      *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
                                                              (METERS/SEC)

                                                   1.54,   3.09,   5.14,   8.23,  10.80,
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                                        *** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

   Surface file:   C:\Users\mmorales\Dropbox\12545 - UCB Softball\_AQ Data\Construction HRA\Met Dat
Met Version:  14134
   Profile file:   C:\Users\mmorales\Dropbox\12545 - UCB Softball\_AQ Data\Construction HRA\Met Dat
   Surface format: FREE

   Profile format: FREE
```

Surface station no.: 23230 Upper air station no.: 23230

Name: OAKLAND/WSO_AP Name: OAKLAND/WSO_AP

Year: 2009 Year: 2009

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
09	01	01	1	01	-17.2	0.303	-9.000	-9.000	-999.	401.	147.2	0.63	0.86	1.00	2.36	81.	10.0	282.5	2.0
09	01	01	1	02	-21.8	0.383	-9.000	-9.000	-999.	569.	234.6	0.63	0.86	1.00	2.86	68.	10.0	282.0	2.0
09	01	01	1	03	-26.3	0.460	-9.000	-9.000	-999.	749.	337.1	0.63	0.86	1.00	3.36	84.	10.0	280.9	2.0
09	01	01	1	04	-15.4	0.270	-9.000	-9.000	-999.	368.	116.1	0.47	0.86	1.00	2.36	53.	10.0	280.9	2.0
09	01	01	1	05	-26.3	0.460	-9.000	-9.000	-999.	749.	336.3	0.63	0.86	1.00	3.36	73.	10.0	280.4	2.0
09	01	01	1	06	-21.9	0.383	-9.000	-9.000	-999.	573.	232.9	0.63	0.86	1.00	2.86	82.	10.0	280.4	2.0
09	01	01	1	07	-22.0	0.383	-9.000	-9.000	-999.	569.	232.5	0.63	0.86	1.00	2.86	95.	10.0	279.9	2.0
09	01	01	1	08	-11.2	0.196	-9.000	-9.000	-999.	238.	60.6	0.63	0.86	0.76	1.76	73.	10.0	279.9	2.0
09	01	01	1	09	-2.2	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.45	0.86	0.39	0.00	0.	10.0	280.4	2.0
09	01	01	1	10	6.8	0.266	0.264	0.016	98.	329.	-250.8	0.63	0.86	0.27	1.76	91.	10.0	280.9	2.0
09	01	01	1	11	15.5	-9.000	-9.000	-9.000	177.	-999.	-99999.0	0.45	0.86	0.22	0.00	0.	10.0	282.0	2.0
09	01	01	1	12	96.1	0.393	1.019	0.014	401.	591.	-57.4	0.22	0.86	0.21	3.36	266.	10.0	281.4	2.0
09	01	01	1	13	102.5	0.395	1.092	0.014	462.	595.	-54.4	0.22	0.86	0.20	3.36	283.	10.0	282.0	2.0
09	01	01	1	14	89.9	0.297	1.066	0.015	489.	394.	-26.5	0.22	0.86	0.21	2.36	249.	10.0	282.0	2.0
09	01	01	1	15	62.1	0.383	0.954	0.014	507.	569.	-82.1	0.22	0.86	0.24	3.36	242.	10.0	282.5	2.0
09	01	01	1	16	23.1	0.665	0.690	0.006	513.	1300.	-1150.4	0.52	0.86	0.33	4.86	304.	10.0	282.5	2.0
09	01	01	1	17	-37.0	0.486	-9.000	-9.000	-999.	846.	280.6	0.22	0.86	0.56	4.86	291.	10.0	281.4	2.0
09	01	01	1	18	-52.2	0.480	-9.000	-9.000	-999.	799.	191.9	0.52	0.86	1.00	3.86	307.	10.0	280.9	2.0
09	01	01	1	19	-25.6	0.224	-9.000	-9.000	-999.	327.	39.8	0.52	0.86	1.00	2.36	334.	10.0	280.4	2.0
09	01	01	1	20	-11.1	0.119	-9.000	-9.000	-999.	115.	13.8	0.52	0.86	1.00	1.76	317.	10.0	280.4	2.0
09	01	01	1	21	-10.3	0.119	-9.000	-9.000	-999.	98.	14.7	0.52	0.86	1.00	1.76	320.	10.0	280.4	2.0
09	01	01	1	22	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.45	0.86	1.00	0.00	0.	10.0	280.9	2.0
09	01	01	1	23	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.45	0.86	1.00	0.00	0.	10.0	281.4	2.0
09	01	01	1	24	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.45	0.86	1.00	0.00	0.	10.0	281.4	2.0

First hour of profile data

```
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 09 01 01 01   10.0 1   81.    2.36   282.6   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 194
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                              *** THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: PAREA1   ***
                                  INCLUDING SOURCE(S):     PAREA1      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                        ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)   Y-COORD (M)
CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - -
        565570.46    4191234.22        0.12606                      565590.46    4191234.22
0.12760
        565610.46    4191234.22        0.12899                      565630.46    4191234.22
0.13010
        565650.46    4191234.22        0.13100                      565670.46    4191234.22
0.13166
        565690.46    4191234.22        0.13207                      565710.46    4191234.22
0.13223
        565730.46    4191234.22        0.13209                      565750.46    4191234.22
0.13164
        565770.46    4191234.22        0.13091                      565790.46    4191234.22
0.12986
        565810.46    4191234.22        0.12836                      565830.46    4191234.22
0.12650
        565850.46    4191234.22        0.12454                      565870.46    4191234.22
0.12241
        565890.46    4191234.22        0.12006                      565910.46    4191234.22
0.11751
        565930.46    4191234.22        0.11494                      565950.46    4191234.22
0.11267
        565970.46    4191234.22        0.11063                      565990.46    4191234.22
0.10895
        566010.46    4191234.22        0.10781                      566030.46    4191234.22
0.10741
        566050.46    4191234.22        0.10787                      566070.46    4191234.22
0.10897
        566090.46    4191234.22        0.11076                      566110.46    4191234.22
0.11332
        566130.46    4191234.22        0.11674                      566150.46    4191234.22
0.12098
        566170.46    4191234.22        0.12616                      566190.46    4191234.22
0.13178
        566210.46    4191234.22        0.13759                      566230.46    4191234.22
0.14327
        566250.46    4191234.22        0.14719                      566270.46    4191234.22
0.15229
```

566290.46 4191234.22 0.15513 566310.46 4191234.22
0.14928
566330.46 4191234.22 0.13843 566350.46 4191234.22
0.13104
566370.46 4191234.22 0.12761 566390.46 4191234.22
0.12512
566410.46 4191234.22 0.12299 566430.46 4191234.22
0.12187
566450.46 4191234.22 0.12201 566470.46 4191234.22
0.12327
566490.46 4191234.22 0.12627 566510.46 4191234.22
0.13097
566530.46 4191234.22 0.13614 566550.46 4191234.22
0.14173
566570.46 4191234.22 0.14767 565570.46 4191254.22
0.13181
565590.46 4191254.22 0.13377 565610.46 4191254.22
0.13546
565630.46 4191254.22 0.13688 565650.46 4191254.22
0.13811
565670.46 4191254.22 0.13911 565690.46 4191254.22
0.13984
565710.46 4191254.22 0.14027 565730.46 4191254.22
0.14041
565750.46 4191254.22 0.14020 565770.46 4191254.22
0.13967
565790.46 4191254.22 0.13880 565810.46 4191254.22
0.13747
565830.46 4191254.22 0.13579 565850.46 4191254.22
0.13387
565870.46 4191254.22 0.13174 565890.46 4191254.22
0.12936
565910.46 4191254.22 0.12672 565930.46 4191254.22
0.12400
565950.46 4191254.22 0.12146 565970.46 4191254.22
0.11913
565990.46 4191254.22 0.11716 566010.46 4191254.22
0.11576
566030.46 4191254.22 0.11518 566050.46 4191254.22
0.11571
566070.46 4191254.22 0.11691 566090.46 4191254.22
0.11880
566110.46 4191254.22 0.12156 566130.46 4191254.22
0.12530

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PAREA1 ***

INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
566150.46	4191254.22	0.12999	566170.46	4191254.22	0.13547
566190.46	4191254.22	0.14136	566210.46	4191254.22	0.14754
566230.46	4191254.22	0.15367	566250.46	4191254.22	0.15649
566270.46	4191254.22	0.16261	566290.46	4191254.22	0.16302
566310.46	4191254.22	0.15486	566330.46	4191254.22	0.14444
566350.46	4191254.22	0.13870	566370.46	4191254.22	0.13583
566390.46	4191254.22	0.13295	566410.46	4191254.22	0.13046
566430.46	4191254.22	0.12939	566450.46	4191254.22	0.13001
566470.46	4191254.22	0.13194	566490.46	4191254.22	0.13566
566510.46	4191254.22	0.14063	566530.46	4191254.22	0.14610
566550.46	4191254.22	0.15209	566570.46	4191254.22	0.15840
565570.46	4191274.22	0.13769	565590.46	4191274.22	0.14011
565610.46	4191274.22	0.14215	565630.46	4191274.22	0.14396
565650.46	4191274.22	0.14559	565670.46	4191274.22	0.14699
565690.46	4191274.22	0.14808	565710.46	4191274.22	0.14884
565730.46	4191274.22	0.14930	565750.46	4191274.22	0.14940
565770.46	4191274.22	0.14914	565790.46	4191274.22	0.14848
565810.46	4191274.22	0.14740	565830.46	4191274.22	0.14601
565850.46	4191274.22	0.14415	565870.46	4191274.22	0.14208
565890.46	4191274.22	0.13972	565910.46	4191274.22	0.13702
565930.46	4191274.22	0.13416	565950.46	4191274.22	0.13136
565970.46	4191274.22	0.12872	565990.46	4191274.22	0.12637
566010.46	4191274.22	0.12458	566030.46	4191274.22	0.12371
566050.46	4191274.22	0.12427	566070.46	4191274.22	0.12555
566090.46	4191274.22	0.12759	566110.46	4191274.22	0.13061
566130.46	4191274.22	0.13476	566150.46	4191274.22	0.14000
566170.46	4191274.22	0.14574	566190.46	4191274.22	0.15189
566210.46	4191274.22	0.15853	566230.46	4191274.22	0.16526
566250.46	4191274.22	0.16706	566270.46	4191274.22	

0.17308
566290.46 4191274.22 0.17213 566310.46 4191274.22
0.16363
566330.46 4191274.22 0.15380 566350.46 4191274.22
0.14869
566370.46 4191274.22 0.14621 566390.46 4191274.22
0.14314
566410.46 4191274.22 0.14064 566430.46 4191274.22
0.13997
566450.46 4191274.22 0.14146 566470.46 4191274.22
0.14466
566490.46 4191274.22 0.14927 566510.46 4191274.22
0.15440
566530.46 4191274.22 0.15963 566550.46 4191274.22
0.16536
566570.46 4191274.22 0.17186 565570.46 4191294.22
0.14369
565590.46 4191294.22 0.14659 565610.46 4191294.22
0.14907
565630.46 4191294.22 0.15138 565650.46 4191294.22
0.15350
565670.46 4191294.22 0.15537 565690.46 4191294.22
0.15691

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PAREA1 ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3
**

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M)
CONC
- -
565710.46 4191294.22 0.15807 565730.46 4191294.22
0.15895
565750.46 4191294.22 0.15941 565770.46 4191294.22
0.15945
565790.46 4191294.22 0.15907 565810.46 4191294.22
0.15830
565830.46 4191294.22 0.15723 565850.46 4191294.22
0.15556
565870.46 4191294.22 0.15363 565890.46 4191294.22
0.15133
565910.46 4191294.22 0.14863 565930.46 4191294.22
0.14580
565950.46 4191294.22 0.14285 565970.46 4191294.22
0.13982
565990.46 4191294.22 0.13700 566010.46 4191294.22
0.13471
566030.46 4191294.22 0.13335 566050.46 4191294.22

0.13350					
	566070.46	4191294.22	0.13478	566090.46	4191294.22
0.13702					
	566110.46	4191294.22	0.14040	566130.46	4191294.22
0.14509					
	566150.46	4191294.22	0.15096	566170.46	4191294.22
0.15710					
	566190.46	4191294.22	0.16366	566210.46	4191294.22
0.17086					
	566230.46	4191294.22	0.17826	566250.46	4191294.22
0.18122					
	566270.46	4191294.22	0.18596	566290.46	4191294.22
0.18427					
	566310.46	4191294.22	0.17652	566330.46	4191294.22
0.16771					
	566350.46	4191294.22	0.16245	566370.46	4191294.22
0.15994					
	566390.46	4191294.22	0.15726	566410.46	4191294.22
0.15561					
	566430.46	4191294.22	0.15577	566450.46	4191294.22
0.15790					
	566470.46	4191294.22	0.16172	566490.46	4191294.22
0.16730					
	566510.46	4191294.22	0.17279	566530.46	4191294.22
0.17873					
	566550.46	4191294.22	0.18565	566570.46	4191294.22
0.19347					
	565570.46	4191314.22	0.14968	565590.46	4191314.22
0.15306					
	565610.46	4191314.22	0.15619	565630.46	4191314.22
0.15912					
	565650.46	4191314.22	0.16181	565670.46	4191314.22
0.16420					
	565690.46	4191314.22	0.16622	565710.46	4191314.22
0.16788					
	565730.46	4191314.22	0.16930	565750.46	4191314.22
0.17022					
	565770.46	4191314.22	0.17069	565790.46	4191314.22
0.17071					
	565810.46	4191314.22	0.17026	565830.46	4191314.22
0.16949					
	565850.46	4191314.22	0.16818	565870.46	4191314.22
0.16644					
	565890.46	4191314.22	0.16423	565910.46	4191314.22
0.16160					
	565930.46	4191314.22	0.15887	565950.46	4191314.22
0.15576					
	565970.46	4191314.22	0.15242	565990.46	4191314.22
0.14920					
	566010.46	4191314.22	0.14648	566030.46	4191314.22
0.14464					
	566050.46	4191314.22	0.14413	566070.46	4191314.22
0.14524					
	566090.46	4191314.22	0.14766	566110.46	4191314.22
0.15139					
	566130.46	4191314.22	0.15651	566150.46	4191314.22
0.16302					
	566170.46	4191314.22	0.16980	566190.46	4191314.22
0.17696					
	566210.46	4191314.22	0.18481	566230.46	4191314.22
0.19293					

566250.46 4191314.22 0.19591 566270.46 4191314.22
0.20152

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PAREA1 ***

INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
566290.46	4191314.22	0.20057	566310.46	4191314.22	0.19410
566330.46	4191314.22	0.18608	566350.46	4191314.22	0.18032
566370.46	4191314.22	0.17741	566390.46	4191314.22	0.17509
566410.46	4191314.22	0.17437	566430.46	4191314.22	0.17510
566450.46	4191314.22	0.17738	566470.46	4191314.22	0.18139
566490.46	4191314.22	0.18812	566510.46	4191314.22	0.19465
566530.46	4191314.22	0.20208	566550.46	4191314.22	0.21072
566570.46	4191314.22	0.21997	565570.46	4191334.22	0.15563
565590.46	4191334.22	0.15953	565610.46	4191334.22	0.16336
565630.46	4191334.22	0.16702	565650.46	4191334.22	0.17036
565670.46	4191334.22	0.17334	565690.46	4191334.22	0.17597
565710.46	4191334.22	0.17826	565730.46	4191334.22	0.18031
565750.46	4191334.22	0.18181	565770.46	4191334.22	0.18284
565790.46	4191334.22	0.18337	565810.46	4191334.22	0.18333
565830.46	4191334.22	0.18289	565850.46	4191334.22	0.18211
565870.46	4191334.22	0.18067	565890.46	4191334.22	0.17860
565910.46	4191334.22	0.17613	565930.46	4191334.22	0.17361
565950.46	4191334.22	0.17033	565970.46	4191334.22	0.16675
565990.46	4191334.22	0.16323	566010.46	4191334.22	0.16013

566030.46 4191334.22 0.15780 566050.46 4191334.22
0.15637
566070.46 4191334.22 0.15712 566090.46 4191334.22
0.15973
566110.46 4191334.22 0.16379 566130.46 4191334.22
0.16921
566150.46 4191334.22 0.17639 566170.46 4191334.22
0.18407
566190.46 4191334.22 0.19204 566210.46 4191334.22
0.20064
566230.46 4191334.22 0.20839 566250.46 4191334.22
0.21105
566270.46 4191334.22 0.22027 566290.46 4191334.22
0.22207
566310.46 4191334.22 0.21802 566330.46 4191334.22
0.21158
566350.46 4191334.22 0.20560 566370.46 4191334.22
0.20174
566390.46 4191334.22 0.19894 566410.46 4191334.22
0.19866
566430.46 4191334.22 0.19903 566450.46 4191334.22
0.20022
566470.46 4191334.22 0.20331 566490.46 4191334.22
0.21118
566510.46 4191334.22 0.22014 566530.46 4191334.22
0.23035
566550.46 4191334.22 0.24116 566570.46 4191334.22
0.25145
565570.46 4191354.22 0.16144 565590.46 4191354.22
0.16594
565610.46 4191354.22 0.17035 565630.46 4191354.22
0.17472
565650.46 4191354.22 0.17883 565670.46 4191354.22
0.18258
565690.46 4191354.22 0.18600 565710.46 4191354.22
0.18916
565730.46 4191354.22 0.19194 565750.46 4191354.22
0.19414
565770.46 4191354.22 0.19587 565790.46 4191354.22
0.19706
565810.46 4191354.22 0.19758 565830.46 4191354.22
0.19762

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PAREA1 ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3
**

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M)
CONC

- -
- - - - - - - - - - - - - -

565850.46 4191354.22 0.19739 565870.46 4191354.22
0.19655
565890.46 4191354.22 0.19486 565910.46 4191354.22
0.19245
565930.46 4191354.22 0.18995 565950.46 4191354.22
0.18674
565970.46 4191354.22 0.18309 565990.46 4191354.22
0.17938
566010.46 4191354.22 0.17601 566030.46 4191354.22
0.17338
566050.46 4191354.22 0.17185 566070.46 4191354.22
0.17177
566090.46 4191354.22 0.17398 566110.46 4191354.22
0.17850
566130.46 4191354.22 0.18478 566150.46 4191354.22
0.19195
566170.46 4191354.22 0.19950 566190.46 4191354.22
0.20868
566210.46 4191354.22 0.21860 566230.46 4191354.22
0.22411
566250.46 4191354.22 0.23133 566270.46 4191354.22
0.24069
566290.46 4191354.22 0.24588 566310.46 4191354.22
0.24506
566330.46 4191354.22 0.23908 566350.46 4191354.22
0.23170
566370.46 4191354.22 0.22699 566390.46 4191354.22
0.22423
566410.46 4191354.22 0.22373 566430.46 4191354.22
0.22420
566450.46 4191354.22 0.22579 566470.46 4191354.22
0.22990
566490.46 4191354.22 0.23971 566510.46 4191354.22
0.25173
566530.46 4191354.22 0.26469 566550.46 4191354.22
0.27709
566570.46 4191354.22 0.28770 565570.46 4191374.22
0.16719
565590.46 4191374.22 0.17232 565610.46 4191374.22
0.17735
565630.46 4191374.22 0.18243 565650.46 4191374.22
0.18737
565670.46 4191374.22 0.19206 565690.46 4191374.22
0.19643
565710.46 4191374.22 0.20050 565730.46 4191374.22
0.20413
565750.46 4191374.22 0.20719 565770.46 4191374.22
0.20978
565790.46 4191374.22 0.21178 565810.46 4191374.22
0.21307
565830.46 4191374.22 0.21379 565850.46 4191374.22
0.21427
565870.46 4191374.22 0.21411 565890.46 4191374.22
0.21294
565910.46 4191374.22 0.21079 565930.46 4191374.22
0.20849
565950.46 4191374.22 0.20547 565970.46 4191374.22
0.20184
565990.46 4191374.22 0.19811 566010.46 4191374.22

0.19463
566030.46 4191374.22 0.19172 566050.46 4191374.22
0.19008
566070.46 4191374.22 0.18970 566090.46 4191374.22
0.19228
566110.46 4191374.22 0.19763 566130.46 4191374.22
0.20441
566150.46 4191374.22 0.21126 566170.46 4191374.22
0.21846
566190.46 4191374.22 0.22800 566210.46 4191374.22
0.23914
566230.46 4191374.22 0.24369 566250.46 4191374.22
0.25266
566270.46 4191374.22 0.26370 566290.46 4191374.22
0.27143
566310.46 4191374.22 0.27356 566330.46 4191374.22
0.26894
566350.46 4191374.22 0.26153 566370.46 4191374.22
0.25699
566390.46 4191374.22 0.25496 566410.46 4191374.22
0.25495

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PAREA1 ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
566430.46	4191374.22	0.25630	566450.46	4191374.22	0.25901
566470.46	4191374.22	0.26460	566490.46	4191374.22	0.27662
566510.46	4191374.22	0.29178	566530.46	4191374.22	0.30707
566550.46	4191374.22	0.32051	566570.46	4191374.22	0.33116
565570.46	4191394.22	0.17281	565590.46	4191394.22	0.17859
565610.46	4191394.22	0.18431	565630.46	4191394.22	0.19013
565650.46	4191394.22	0.19593	565670.46	4191394.22	0.20169
565690.46	4191394.22	0.20717	565710.46	4191394.22	0.21223
565730.46	4191394.22	0.21681	565750.46	4191394.22	0.22097
565770.46	4191394.22	0.22454	565790.46	4191394.22	

0.22752					
	565810.46	4191394.22	0.22985	565830.46	4191394.22
0.23147					
	565850.46	4191394.22	0.23286	565870.46	4191394.22
0.23354					
	565890.46	4191394.22	0.23304	565910.46	4191394.22
0.23143					
	565930.46	4191394.22	0.22956	565950.46	4191394.22
0.22690					
	565970.46	4191394.22	0.22342	565990.46	4191394.22
0.21991					
	566010.46	4191394.22	0.21656	566030.46	4191394.22
0.21346					
	566050.46	4191394.22	0.21169	566070.46	4191394.22
0.21181					
	566090.46	4191394.22	0.21570	566110.46	4191394.22
0.22159					
	566130.46	4191394.22	0.22734	566150.46	4191394.22
0.23333					
	566170.46	4191394.22	0.24103	566190.46	4191394.22
0.25057					
	566210.46	4191394.22	0.26281	566230.46	4191394.22
0.26851					
	566250.46	4191394.22	0.27728	566270.46	4191394.22
0.28958					
	566290.46	4191394.22	0.29845	566310.46	4191394.22
0.30235					
	566330.46	4191394.22	0.30025	566350.46	4191394.22
0.29548					
	566370.46	4191394.22	0.29325	566390.46	4191394.22
0.29361					
	566410.46	4191394.22	0.29746	566430.46	4191394.22
0.30162					
	566450.46	4191394.22	0.30660	566470.46	4191394.22
0.31361					
	566490.46	4191394.22	0.32752	566510.46	4191394.22
0.34434					
	566530.46	4191394.22	0.36014	566550.46	4191394.22
0.37361					
	566570.46	4191394.22	0.38487	565570.46	4191414.22
0.17829					
	565590.46	4191414.22	0.18472	565610.46	4191414.22
0.19124					
	565630.46	4191414.22	0.19791	565650.46	4191414.22
0.20468					
	565670.46	4191414.22	0.21150	565690.46	4191414.22
0.21812					
	565710.46	4191414.22	0.22434	565730.46	4191414.22
0.23007					
	565750.46	4191414.22	0.23546	565770.46	4191414.22
0.24019					
	565790.46	4191414.22	0.24426	565810.46	4191414.22
0.24781					
	565830.46	4191414.22	0.25087	565850.46	4191414.22
0.25320					
	565870.46	4191414.22	0.25489	565890.46	4191414.22
0.25535					
	565910.46	4191414.22	0.25454	565930.46	4191414.22
0.25322					
	565950.46	4191414.22	0.25121	565970.46	4191414.22
0.24799					

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PAREA1 ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565990.46	4191414.22	0.24474	566010.46	4191414.22	0.24183
566030.46	4191414.22	0.23938	566050.46	4191414.22	0.23816
566070.46	4191414.22	0.23948	566090.46	4191414.22	0.24292
566110.46	4191414.22	0.24650	566130.46	4191414.22	0.24296
566150.46	4191414.22	0.23406	566170.46	4191414.22	0.24535
566190.46	4191414.22	0.26652	566210.46	4191414.22	0.28065
566230.46	4191414.22	0.29170	566250.46	4191414.22	0.30543
566270.46	4191414.22	0.31878	566290.46	4191414.22	0.32848
566310.46	4191414.22	0.33430	566330.46	4191414.22	0.33414
566350.46	4191414.22	0.32968	566370.46	4191414.22	0.32620
566390.46	4191414.22	0.33070	566410.46	4191414.22	0.33941
566430.46	4191414.22	0.34993	566450.46	4191414.22	0.36107
566470.46	4191414.22	0.37206	566490.46	4191414.22	0.38751
566510.46	4191414.22	0.40567	566530.46	4191414.22	0.42419
566550.46	4191414.22	0.44023	566570.46	4191414.22	0.45309
565570.46	4191434.22	0.18348	565590.46	4191434.22	0.19060
565610.46	4191434.22	0.19801	565630.46	4191434.22	0.20560
565650.46	4191434.22	0.21340	565670.46	4191434.22	0.22130
565690.46	4191434.22	0.22914	565710.46	4191434.22	0.23661
565730.46	4191434.22	0.24368	565750.46	4191434.22	0.25043

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        565770.46    4191434.22        0.25655                      565790.46    4191434.22
0.26204
        565810.46    4191434.22        0.26709                      565830.46    4191434.22
0.27164
        565850.46    4191434.22        0.27535                      565870.46    4191434.22
0.27848
        565890.46    4191434.22        0.28023                      565910.46    4191434.22
0.28046
        565930.46    4191434.22        0.28011                      565950.46    4191434.22
0.27899
        565970.46    4191434.22        0.27638                      565990.46    4191434.22
0.27382
        566010.46    4191434.22        0.27182                      566030.46    4191434.22
0.27043
        566050.46    4191434.22        0.26990                      566070.46    4191434.22
0.27087
        566090.46    4191434.22        0.27171                      566110.46    4191434.22
0.26239
        566130.46    4191434.22        0.23681                      566150.46    4191434.22
0.23206
        566170.46    4191434.22        0.24167                      566190.46    4191434.22
0.26425
        566210.46    4191434.22        0.29022                      566230.46    4191434.22
0.31353
        566250.46    4191434.22        0.33210                      566270.46    4191434.22
0.34342
        566290.46    4191434.22        0.35180                      566310.46    4191434.22
0.35899
        566330.46    4191434.22        0.36246                      566350.46    4191434.22
0.36127
        566370.46    4191434.22        0.35920                      566390.46    4191434.22
0.36948
        566410.46    4191434.22        0.38353                      566430.46    4191434.22
0.40188
        566450.46    4191434.22        0.42134                      566470.46    4191434.22
0.43876
        566490.46    4191434.22        0.45626                      566510.46    4191434.22
0.47551
        566530.46    4191434.22        0.49776                      566550.46    4191434.22
0.51806
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                              *** THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: PAREA1   ***
                                  INCLUDING SOURCE(S):     PAREA1      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)   Y-COORD (M)
CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - -
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566570.46	4191434.22	0.53371	565570.46	4191454.22	0.18838
565590.46	4191454.22	0.19623	565610.46	4191454.22	0.20455
565630.46	4191454.22	0.21312	565650.46	4191454.22	0.22197
565670.46	4191454.22	0.23101	565690.46	4191454.22	0.24011
565710.46	4191454.22	0.24891	565730.46	4191454.22	0.25746
565750.46	4191454.22	0.26579	565770.46	4191454.22	0.27354
565790.46	4191454.22	0.28079	565810.46	4191454.22	0.28768
565830.46	4191454.22	0.29372	565850.46	4191454.22	0.29935
565870.46	4191454.22	0.30448	565890.46	4191454.22	0.30791
565910.46	4191454.22	0.30951	565930.46	4191454.22	0.31067
565950.46	4191454.22	0.31073	565970.46	4191454.22	0.30923
565990.46	4191454.22	0.30805	566010.46	4191454.22	0.30766
566030.46	4191454.22	0.30765	566050.46	4191454.22	0.30712
566070.46	4191454.22	0.30491	566090.46	4191454.22	0.29112
566110.46	4191454.22	0.25679	566130.46	4191454.22	0.23835
566150.46	4191454.22	0.22953	566170.46	4191454.22	0.23417
566190.46	4191454.22	0.25134	566210.46	4191454.22	0.27588
566230.46	4191454.22	0.30448	566250.46	4191454.22	0.33077
566270.46	4191454.22	0.33716	566290.46	4191454.22	0.34464
566310.46	4191454.22	0.35780	566330.46	4191454.22	0.37199
566350.46	4191454.22	0.38297	566370.46	4191454.22	0.39029
566390.46	4191454.22	0.40660	566410.46	4191454.22	0.42530
566430.46	4191454.22	0.44763	566450.46	4191454.22	0.47302
566470.46	4191454.22	0.49947	566490.46	4191454.22	0.52246
566510.46	4191454.22	0.54331	566530.46	4191454.22	0.56915
566550.46	4191454.22	0.59536	566570.46	4191454.22	0.61726
565570.46	4191474.22	0.19306	565590.46	4191474.22	0.20159
565610.46	4191474.22	0.21081	565630.46	4191474.22	0.22034
565650.46	4191474.22	0.23024	565670.46	4191474.22	0.24038
565690.46	4191474.22	0.25062	565710.46	4191474.22	0.26094
565730.46	4191474.22	0.27123	565750.46	4191474.22	

0.28136
565770.46 4191474.22 0.29110 565790.46 4191474.22
0.30052
565810.46 4191474.22 0.30970 565830.46 4191474.22
0.31770
565850.46 4191474.22 0.32598 565870.46 4191474.22
0.33325
565890.46 4191474.22 0.33831 565910.46 4191474.22
0.34148
565930.46 4191474.22 0.34461 565950.46 4191474.22
0.34696
565970.46 4191474.22 0.34753 565990.46 4191474.22
0.34899
566010.46 4191474.22 0.35034 566030.46 4191474.22
0.34971
566050.46 4191474.22 0.34691 566070.46 4191474.22
0.33329
566090.46 4191474.22 0.29302 566110.46 4191474.22
0.26440

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PAREA1 ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
566130.46	4191474.22	0.24233	566150.46	4191474.22	0.23208
566170.46	4191474.22	0.23535	566190.46	4191474.22	0.25026
566210.46	4191474.22	0.27141	566230.46	4191474.22	0.29729
566250.46	4191474.22	0.32413	566270.46	4191474.22	0.33763
566290.46	4191474.22	0.35018	566310.46	4191474.22	0.36808
566330.46	4191474.22	0.39056	566350.46	4191474.22	0.41473
566370.46	4191474.22	0.43464	566390.46	4191474.22	0.45216
566410.46	4191474.22	0.47044	566430.46	4191474.22	0.49367
566450.46	4191474.22	0.52281	566470.46	4191474.22	0.55582
566490.46	4191474.22	0.58472	566510.46	4191474.22	0.60672
566530.46	4191474.22	0.63455	566550.46	4191474.22	

0.66456
566570.46 4191474.22 0.69167 565570.46 4191494.22
0.19748
565590.46 4191494.22 0.20673 565610.46 4191494.22
0.21681
565630.46 4191494.22 0.22720 565650.46 4191494.22
0.23814
565670.46 4191494.22 0.24944 565690.46 4191494.22
0.26096
565710.46 4191494.22 0.27291 565730.46 4191494.22
0.28504
565750.46 4191494.22 0.29712 565770.46 4191494.22
0.30903
565790.46 4191494.22 0.32093 565810.46 4191494.22
0.33276
565830.46 4191494.22 0.34320 565850.46 4191494.22
0.35456
565870.46 4191494.22 0.36439 565890.46 4191494.22
0.37185
565910.46 4191494.22 0.37760 565930.46 4191494.22
0.38367
565950.46 4191494.22 0.38885 565970.46 4191494.22
0.39243
565990.46 4191494.22 0.39690 566010.46 4191494.22
0.39949
566030.46 4191494.22 0.39769 566050.46 4191494.22
0.39233
566070.46 4191494.22 0.35039 566090.46 4191494.22
0.30932
566110.46 4191494.22 0.27174 566130.46 4191494.22
0.24598
566150.46 4191494.22 0.23769 566170.46 4191494.22
0.24357
566190.46 4191494.22 0.26025 566210.46 4191494.22
0.28245
566230.46 4191494.22 0.30875 566250.46 4191494.22
0.33642
566270.46 4191494.22 0.35597 566290.46 4191494.22
0.36937
566310.46 4191494.22 0.38808 566330.46 4191494.22
0.41564
566350.46 4191494.22 0.45090 566370.46 4191494.22
0.48559
566390.46 4191494.22 0.50478 566410.46 4191494.22
0.52139
566430.46 4191494.22 0.54348 566450.46 4191494.22
0.57382
566470.46 4191494.22 0.61078 566490.46 4191494.22
0.64541
566510.46 4191494.22 0.66861 566530.46 4191494.22
0.69626
566550.46 4191494.22 0.72734 566570.46 4191494.22
0.75779
565570.46 4191514.22 0.20166 565590.46 4191514.22
0.21169
565610.46 4191514.22 0.22251 565630.46 4191514.22
0.23363
565650.46 4191514.22 0.24559 565670.46 4191514.22
0.25809

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PAREA1 ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565690.46	4191514.22	0.27107	565710.46	4191514.22	0.28478
565730.46	4191514.22	0.29879	565750.46	4191514.22	0.31290
565770.46	4191514.22	0.32716	565790.46	4191514.22	0.34179
565810.46	4191514.22	0.35659	565830.46	4191514.22	0.37006
565850.46	4191514.22	0.38480	565870.46	4191514.22	0.39773
565890.46	4191514.22	0.40876	565910.46	4191514.22	0.41879
565930.46	4191514.22	0.42929	565950.46	4191514.22	0.43757
565970.46	4191514.22	0.44546	565990.46	4191514.22	0.45247
566010.46	4191514.22	0.45533	566030.46	4191514.22	0.45270
566050.46	4191514.22	0.43911	566070.46	4191514.22	0.37894
566090.46	4191514.22	0.32676	566110.46	4191514.22	0.27795
566130.46	4191514.22	0.25128	566150.46	4191514.22	0.24665
566170.46	4191514.22	0.25789	566190.46	4191514.22	0.27740
566210.46	4191514.22	0.30069	566230.46	4191514.22	0.32696
566250.46	4191514.22	0.35458	566270.46	4191514.22	0.37807
566290.46	4191514.22	0.39054	566310.46	4191514.22	0.40738
566330.46	4191514.22	0.43528	566350.46	4191514.22	0.47600
566370.46	4191514.22	0.52378	566390.46	4191514.22	0.56126
566410.46	4191514.22	0.58804	566430.46	4191514.22	0.60978
566450.46	4191514.22	0.63501	566470.46	4191514.22	0.66832
566490.46	4191514.22	0.70577	566510.46	4191514.22	0.73237

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        566530.46    4191514.22        0.75596                      566550.46    4191514.22
0.78178
        566570.46    4191514.22        0.80869                      565570.46    4191534.22
0.20547
        565590.46    4191534.22        0.21600                      565610.46    4191534.22
0.22729
        565630.46    4191534.22        0.23930                      565650.46    4191534.22
0.25222
        565670.46    4191534.22        0.26590                      565690.46    4191534.22
0.28041
        565710.46    4191534.22        0.29588                      565730.46    4191534.22
0.31195
        565750.46    4191534.22        0.32825                      565770.46    4191534.22
0.34498
        565790.46    4191534.22        0.36231                      565810.46    4191534.22
0.38009
        565830.46    4191534.22        0.39761                      565850.46    4191534.22
0.41613
        565870.46    4191534.22        0.43312                      565890.46    4191534.22
0.44875
        565910.46    4191534.22        0.46405                      565930.46    4191534.22
0.48028
        565950.46    4191534.22        0.49275                      565970.46    4191534.22
0.50386
        565990.46    4191534.22        0.51379                      566010.46    4191534.22
0.51969
        566030.46    4191534.22        0.51829                      566050.46    4191534.22
0.49156
        566070.46    4191534.22        0.41152                      566090.46    4191534.22
0.34258
        566110.46    4191534.22        0.28794                      566130.46    4191534.22
0.26420
        566150.46    4191534.22        0.26287                      566170.46    4191534.22
0.27668
        566190.46    4191534.22        0.29819                      566210.46    4191534.22
0.32345
        566230.46    4191534.22        0.35091                      566250.46    4191534.22
0.37863
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                              *** THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: PAREA1   ***
                                  INCLUDING SOURCE(S):     PAREA1      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                        ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)   Y-COORD (M)
CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
        566270.46    4191534.22        0.40301                      566290.46    4191534.22
0.41829
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566310.46	4191534.22	0.43732	566330.46	4191534.22	0.46670
566350.46	4191534.22	0.50968	566370.46	4191534.22	0.56387
566390.46	4191534.22	0.61566	566410.46	4191534.22	0.65777
566430.46	4191534.22	0.68879	566450.46	4191534.22	0.71625
566470.46	4191534.22	0.74640	566490.46	4191534.22	0.77921
566510.46	4191534.22	0.80539	566530.46	4191534.22	0.82398
566550.46	4191534.22	0.84318	566570.46	4191534.22	0.86387
565570.46	4191554.22	0.20886	565590.46	4191554.22	0.21982
565610.46	4191554.22	0.23161	565630.46	4191554.22	0.24440
565650.46	4191554.22	0.25821	565670.46	4191554.22	0.27302
565690.46	4191554.22	0.28899	565710.46	4191554.22	0.30616
565730.46	4191554.22	0.32438	565750.46	4191554.22	0.34304
565770.46	4191554.22	0.36245	565790.46	4191554.22	0.38275
565810.46	4191554.22	0.40383	565830.46	4191554.22	0.42544
565850.46	4191554.22	0.44819	565870.46	4191554.22	0.47033
565890.46	4191554.22	0.49195	565910.46	4191554.22	0.51390
565930.46	4191554.22	0.53681	565950.46	4191554.22	0.55459
565970.46	4191554.22	0.56940	565990.46	4191554.22	0.58426
566010.46	4191554.22	0.59580	566030.46	4191554.22	0.59257
566050.46	4191554.22	0.51626	566070.46	4191554.22	0.44606
566090.46	4191554.22	0.36335	566110.46	4191554.22	0.30998
566130.46	4191554.22	0.28692	566150.46	4191554.22	0.28517
566170.46	4191554.22	0.29973	566190.46	4191554.22	0.32284
566210.46	4191554.22	0.35117	566230.46	4191554.22	0.38155
566250.46	4191554.22	0.41071	566270.46	4191554.22	0.43597
566290.46	4191554.22	0.45770	566310.46	4191554.22	0.48266
566330.46	4191554.22	0.51608	566350.46	4191554.22	0.56130
566370.46	4191554.22	0.61841	566390.46	4191554.22	0.68011
566410.46	4191554.22	0.73918	566430.46	4191554.22	0.78587
566450.46	4191554.22	0.82084	566470.46	4191554.22	0.84861
566490.46	4191554.22	0.87298	566510.46	4191554.22	

0.89501
566530.46 4191554.22 0.90716 566550.46 4191554.22
0.91779
566570.46 4191554.22 0.92891 565570.46 4191574.22
0.21181
565590.46 4191574.22 0.22320 565610.46 4191574.22
0.23552
565630.46 4191574.22 0.24887 565650.46 4191574.22
0.26350
565670.46 4191574.22 0.27937 565690.46 4191574.22
0.29663
565710.46 4191574.22 0.31538 565730.46 4191574.22
0.33583
565750.46 4191574.22 0.35704 565770.46 4191574.22
0.37940
565790.46 4191574.22 0.40302 565810.46 4191574.22
0.42770

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PAREA1 ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565830.46	4191574.22	0.45271	565850.46	4191574.22	0.48011
565870.46	4191574.22	0.50882	565890.46	4191574.22	0.53834
565910.46	4191574.22	0.56838	565930.46	4191574.22	0.59807
565950.46	4191574.22	0.62209	565970.46	4191574.22	0.64164
565990.46	4191574.22	0.66596	566010.46	4191574.22	0.68670
566030.46	4191574.22	0.67367	566050.46	4191574.22	0.56592
566070.46	4191574.22	0.48564	566090.46	4191574.22	0.40213
566110.46	4191574.22	0.35141	566130.46	4191574.22	0.32539
566150.46	4191574.22	0.31908	566170.46	4191574.22	0.33220
566190.46	4191574.22	0.35695	566210.46	4191574.22	0.39047
566230.46	4191574.22	0.42693	566250.46	4191574.22	0.46155
566270.46	4191574.22	0.49261	566290.46	4191574.22	

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0.52388
         566310.46    4191574.22        0.55943                      566330.46    4191574.22
0.60327
         566350.46    4191574.22        0.65715                      566370.46    4191574.22
0.71946
         566390.46    4191574.22        0.78513                      566410.46    4191574.22
0.84859
         566430.46    4191574.22        0.90292                      566450.46    4191574.22
0.94585
         566470.46    4191574.22        0.97752                      566490.46    4191574.22
0.99930
         566510.46    4191574.22        1.01274                      566530.46    4191574.22
1.01629
         566550.46    4191574.22        1.01475                      566570.46    4191574.22
1.00985
         565570.46    4191594.22        0.21446                      565590.46    4191594.22
0.22639
         565610.46    4191594.22        0.23942                      565630.46    4191594.22
0.25332
         565650.46    4191594.22        0.26856                      565670.46    4191594.22
0.28518
         565690.46    4191594.22        0.30343                      565710.46    4191594.22
0.32348
         565730.46    4191594.22        0.34602                      565750.46    4191594.22
0.36981
         565770.46    4191594.22        0.39516                      565790.46    4191594.22
0.42207
         565810.46    4191594.22        0.45033                      565830.46    4191594.22
0.47994
         565850.46    4191594.22        0.51304                      565870.46    4191594.22
0.55007
         565890.46    4191594.22        0.58953                      565910.46    4191594.22
0.62887
         565930.46    4191594.22        0.66510                      565950.46    4191594.22
0.69520
         565970.46    4191594.22        0.72503                      565990.46    4191594.22
0.76248
         566010.46    4191594.22        0.79379                      566030.46    4191594.22
0.74647
         566050.46    4191594.22        0.62979                      566070.46    4191594.22
0.54419
         566090.46    4191594.22        0.46080                      566110.46    4191594.22
0.40733
         566130.46    4191594.22        0.37434                      566150.46    4191594.22
0.36149
         566170.46    4191594.22        0.37308                      566190.46    4191594.22
0.40218
         566210.46    4191594.22        0.44377                      566230.46    4191594.22
0.48895
         566250.46    4191594.22        0.53253                      566270.46    4191594.22
0.57547
         566290.46    4191594.22        0.62247                      566310.46    4191594.22
0.67462
         566330.46    4191594.22        0.73431                      566350.46    4191594.22
0.80192
         566370.46    4191594.22        0.87489                      566390.46    4191594.22
0.94775
 *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PAREA1 ***

INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
566410.46	4191594.22	1.01534	566430.46	4191594.22	1.07212
566450.46	4191594.22	1.11518	566470.46	4191594.22	1.14338
566490.46	4191594.22	1.15692	566510.46	4191594.22	1.15773
566530.46	4191594.22	1.14777	566550.46	4191594.22	1.13028
566570.46	4191594.22	1.10763	565570.46	4191614.22	0.21681
565590.46	4191614.22	0.22925	565610.46	4191614.22	0.24292
565630.46	4191614.22	0.25743	565650.46	4191614.22	0.27325
565670.46	4191614.22	0.29055	565690.46	4191614.22	0.30968
565710.46	4191614.22	0.33109	565730.46	4191614.22	0.35543
565750.46	4191614.22	0.38160	565770.46	4191614.22	0.40985
565790.46	4191614.22	0.43997	565810.46	4191614.22	0.47205
565830.46	4191614.22	0.50708	565850.46	4191614.22	0.54747
565870.46	4191614.22	0.59397	565890.46	4191614.22	0.64406
565910.46	4191614.22	0.69322	565930.46	4191614.22	0.73662
565950.46	4191614.22	0.77534	565970.46	4191614.22	0.82094
565990.46	4191614.22	0.87519	566010.46	4191614.22	0.91941
566030.46	4191614.22	0.85593	566050.46	4191614.22	0.71630
566070.46	4191614.22	0.62761	566090.46	4191614.22	0.54207
566110.46	4191614.22	0.48150	566130.46	4191614.22	0.43795
566150.46	4191614.22	0.41615	566170.46	4191614.22	0.42628
566190.46	4191614.22	0.46290	566210.46	4191614.22	0.51632
566230.46	4191614.22	0.57411	566250.46	4191614.22	0.63217

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        566270.46    4191614.22        0.69513                      566290.46    4191614.22
0.76679
        566310.46    4191614.22        0.84401                      566330.46    4191614.22
0.92575
        566350.46    4191614.22        1.01102                      566370.46    4191614.22
1.09678
        566390.46    4191614.22        1.17632                      566410.46    4191614.22
1.24422
        566430.46    4191614.22        1.29571                      566450.46    4191614.22
1.32942
        566470.46    4191614.22        1.34525                      566490.46    4191614.22
1.34360
        566510.46    4191614.22        1.32647                      566530.46    4191614.22
1.29758
        566550.46    4191614.22        1.25993                      566570.46    4191614.22
1.21700
        565570.46    4191634.22        0.21893                      565590.46    4191634.22
0.23172
        565610.46    4191634.22        0.24591                      565630.46    4191634.22
0.26119
        565650.46    4191634.22        0.27757                      565670.46    4191634.22
0.29565
        565690.46    4191634.22        0.31594                      565710.46    4191634.22
0.33895
        565730.46    4191634.22        0.36449                      565750.46    4191634.22
0.39264
        565770.46    4191634.22        0.42342                      565790.46    4191634.22
0.45677
        565810.46    4191634.22        0.49328                      565830.46    4191634.22
0.53520
        565850.46    4191634.22        0.58664                      565870.46    4191634.22
0.64272
        565890.46    4191634.22        0.70057                      565910.46    4191634.22
0.75662
        565930.46    4191634.22        0.80882                      565950.46    4191634.22
0.86578
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```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                              *** THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: PAREA1   ***
                                  INCLUDING SOURCE(S):     PAREA1      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)   Y-COORD (M)
CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - -
        565970.46    4191634.22        0.93392                      565990.46    4191634.22
1.00645
        566010.46    4191634.22        1.06589                      566030.46    4191634.22
1.01466
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566050.46 4191634.22 0.87955 566070.46 4191634.22 0.77236
566090.46 4191634.22 0.67044 566110.46 4191634.22 0.59158
566130.46 4191634.22 0.53139 566150.46 4191634.22 0.49740
566170.46 4191634.22 0.50625 566190.46 4191634.22 0.55432
566210.46 4191634.22 0.62509 566230.46 4191634.22 0.70320
566250.46 4191634.22 0.78618 566270.46 4191634.22 0.88032
566290.46 4191634.22 0.98895 566310.46 4191634.22 1.09968
566330.46 4191634.22 1.20938 566350.46 4191634.22 1.31500
566370.46 4191634.22 1.41202 566390.46 4191634.22 1.49371
565570.46 4191654.22 0.22100 565590.46 4191654.22 0.23419
565610.46 4191654.22 0.24883 565630.46 4191654.22 0.26461
565650.46 4191654.22 0.28168 565670.46 4191654.22 0.30074
565690.46 4191654.22 0.32228 565710.46 4191654.22 0.34648
565730.46 4191654.22 0.37323 565750.46 4191654.22 0.40323
565770.46 4191654.22 0.43691 565790.46 4191654.22 0.47470
565810.46 4191654.22 0.51736 565830.46 4191654.22 0.56637
566010.46 4191654.22 1.23279 566030.46 4191654.22 1.27044
566050.46 4191654.22 1.17854 566070.46 4191654.22 1.05601
566090.46 4191654.22 0.89394 566110.46 4191654.22 0.76453
566130.46 4191654.22 0.68183 566150.46 4191654.22 0.63570
566170.46 4191654.22 0.63941 566190.46 4191654.22 0.69901
566210.46 4191654.22 0.79337 566230.46 4191654.22 0.90380
566250.46 4191654.22 1.02858 566270.46 4191654.22 1.17400
566290.46 4191654.22 1.33040 566310.46 4191654.22 1.47860
565570.46 4191674.22 0.22325 565590.46 4191674.22 0.23675
565610.46 4191674.22 0.25167 565630.46 4191674.22 0.26787
565650.46 4191674.22 0.28564 565670.46 4191674.22 0.30565
565690.46 4191674.22 0.32822 565710.46 4191674.22 0.35343
565730.46 4191674.22 0.38138 566010.46 4191674.22 1.41539
566030.46 4191674.22 1.51649 566050.46 4191674.22 1.57964
566070.46 4191674.22 1.51643 566090.46 4191674.22

1.30032
566110.46 4191674.22 1.06653 566130.46 4191674.22
0.93480
566150.46 4191674.22 0.87614 566170.46 4191674.22
0.86880
566190.46 4191674.22 0.93898 566210.46 4191674.22
1.06966
566230.46 4191674.22 1.23733 566250.46 4191674.22
1.43761
566270.46 4191674.22 1.66944 566290.46 4191674.22
1.87387
565570.46 4191694.22 0.22592 565590.46 4191694.22
0.23968
565610.46 4191694.22 0.25455 565630.46 4191694.22
0.27112

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PAREA1 ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3
**

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M)
CONC
- -
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0.31035
565690.46 4191694.22 0.33353 565710.46 4191694.22
0.35954
565730.46 4191694.22 0.38855 566050.46 4191694.22
1.91469
566070.46 4191694.22 2.05523 566090.46 4191694.22
1.93325
566110.46 4191694.22 1.64415 566130.46 4191694.22
1.38017
566150.46 4191694.22 1.25690 566170.46 4191694.22
1.23807
566190.46 4191694.22 1.33058 566210.46 4191694.22
1.53337
566230.46 4191694.22 1.82028 566250.46 4191694.22
2.15293
566270.46 4191694.22 2.45923 565570.46 4191714.22
0.22826
565590.46 4191714.22 0.24254 565610.46 4191714.22
0.25813
565630.46 4191714.22 0.27504 565650.46 4191714.22
0.29397
565670.46 4191714.22 0.31511 565690.46 4191714.22
0.33884
565710.46 4191714.22 0.36539 565730.46 4191714.22

0.39531
566070.46 4191714.22 2.54655 566090.46 4191714.22
2.77882
566110.46 4191714.22 2.61894 566130.46 4191714.22
2.27068
566150.46 4191714.22 1.95859 566170.46 4191714.22
1.87950
566190.46 4191714.22 2.00752 565570.46 4191734.22
0.23051
565590.46 4191734.22 0.24538 565610.46 4191734.22
0.26197
565630.46 4191734.22 0.27913 565650.46 4191734.22
0.29844
565670.46 4191734.22 0.32016 565690.46 4191734.22
0.34425
565710.46 4191734.22 0.37113 566110.46 4191734.22
4.18186
566130.46 4191734.22 4.36492 566150.46 4191734.22
3.42583
566170.46 4191734.22 3.11168 566190.46 4191734.22
3.28480
565570.46 4191754.22 0.23285 565590.46 4191754.22
0.24819
565610.46 4191754.22 0.26508 565630.46 4191754.22
0.28237
565650.46 4191754.22 0.30290 565670.46 4191754.22
0.32560
565690.46 4191754.22 0.35020 565710.46 4191754.22
0.37721
566130.46 4191754.22 6.89707 566150.46 4191754.22
6.57069
566170.46 4191754.22 6.03961 566190.46 4191754.22
6.48008
565570.46 4191774.22 0.23513 565590.46 4191774.22
0.25053
565610.46 4191774.22 0.26768 565630.46 4191774.22
0.28553
565650.46 4191774.22 0.30710 565670.46 4191774.22
0.33097
565690.46 4191774.22 0.35649 565710.46 4191774.22
0.38411
566170.46 4191774.22 14.88049 566190.46 4191774.22
17.03555
565570.46 4191794.22 0.23740 565590.46 4191794.22
0.25271
565610.46 4191794.22 0.27009 565630.46 4191794.22
0.28872
565650.46 4191794.22 0.31124 565670.46 4191794.22
0.33637
565690.46 4191794.22 0.36317 565710.46 4191794.22
0.39175
565570.46 4191814.22 0.23943 565590.46 4191814.22
0.25525
565610.46 4191814.22 0.27311 565630.46 4191814.22
0.29188

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                              *** THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: PAREA1   ***
                                  INCLUDING SOURCE(S):     PAREA1      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                        ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)   Y-COORD (M)
CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
         565650.46    4191814.22        0.31546                      565670.46    4191814.22
0.34158
         565690.46    4191814.22        0.36913                      565710.46    4191814.22
0.39836
         565570.46    4191834.22        0.24148                      565590.46    4191834.22
0.25782
         565610.46    4191834.22        0.27607                      565630.46    4191834.22
0.29525
         565650.46    4191834.22        0.31904                      565670.46    4191834.22
0.34548
         565690.46    4191834.22        0.37382                      565710.46    4191834.22
0.40438
         565570.46    4191854.22        0.24357                      565590.46    4191854.22
0.26046
         565610.46    4191854.22        0.27902                      565630.46    4191854.22
0.29890
         565650.46    4191854.22        0.32216                      565670.46    4191854.22
0.34827
         565690.46    4191854.22        0.37738                      565710.46    4191854.22
0.40984
         565570.46    4191874.22        0.24587                      565590.46    4191874.22
0.26324
         565610.46    4191874.22        0.28211                      565630.46    4191874.22
0.30300
         565650.46    4191874.22        0.32697                      565670.46    4191874.22
0.35395
         565690.46    4191874.22        0.38415                      565710.46    4191874.22
0.41794
         565570.46    4191894.22        0.24879                      565590.46    4191894.22
0.26665
         565610.46    4191894.22        0.28612                      565630.46    4191894.22
0.30800
         565650.46    4191894.22        0.33265                      565670.46    4191894.22
0.36052
         565690.46    4191894.22        0.39179                      565710.46    4191894.22
0.42668
         565570.46    4191914.22        0.25234                      565590.46    4191914.22
0.27076
         565610.46    4191914.22        0.29117                      565630.46    4191914.22
0.31404
         565650.46    4191914.22        0.33927                      565670.46    4191914.22
0.36808
         565690.46    4191914.22        0.40030                      565710.46    4191914.22
0.43589
         565570.46    4191934.22        0.25793                      565590.46    4191934.22
0.27714
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        565610.46    4191934.22        0.29827                      565630.46    4191934.22
0.32145
        565650.46    4191934.22        0.34687                      565670.46    4191934.22
0.37570
        565690.46    4191934.22        0.40818                      565710.46    4191934.22
0.44476
        565570.46    4191954.22        0.26436                      565590.46    4191954.22
0.28442
        565610.46    4191954.22        0.30636                      565630.46    4191954.22
0.32973
        565650.46    4191954.22        0.35548                      565670.46    4191954.22
0.38429
        565690.46    4191954.22        0.41709                      565710.46    4191954.22
0.45497
        565570.46    4191974.22        0.27174                      565590.46    4191974.22
0.29266
        565610.46    4191974.22        0.31549                      565630.46    4191974.22
0.33913
        565650.46    4191974.22        0.36546                      565670.46    4191974.22
0.39446
        565690.46    4191974.22        0.42786                      565710.46    4191974.22
0.46768
        565570.46    4191994.22        0.27845                      565590.46    4191994.22
0.30034
        565610.46    4191994.22        0.32454                      565630.46    4191994.22
0.35009
        565650.46    4191994.22        0.37729                      565670.46    4191994.22
0.40768
        565690.46    4191994.22        0.44268                      565710.46    4191994.22
0.48399
        565570.46    4192014.22        0.28439                      565590.46    4192014.22
0.30679
        565610.46    4192014.22        0.33255                      565630.46    4192014.22
0.36096
*** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 210
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                              *** THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: PAREA1   ***
                                  INCLUDING SOURCE(S):     PAREA1      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)   Y-COORD (M)
CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
        565650.46    4192014.22        0.38897                      565670.46    4192014.22
0.42045
        565690.46    4192014.22        0.45683                      565710.46    4192014.22
0.49972
        565570.46    4192034.22        0.28885                      565590.46    4192034.22
0.31076
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565610.46	4192034.22	0.33844	565630.46	4192034.22	0.37091
565650.46	4192034.22	0.39944	565670.46	4192034.22	0.43076
565690.46	4192034.22	0.46763	565710.46	4192034.22	0.51254
565570.46	4192054.22	0.29430	565590.46	4192054.22	0.31641
565610.46	4192054.22	0.34450	565630.46	4192054.22	0.37773
565650.46	4192054.22	0.40737	565670.46	4192054.22	0.44006
565690.46	4192054.22	0.47859	565570.46	4192074.22	0.30064
565590.46	4192074.22	0.32328	565610.46	4192074.22	0.35081
565630.46	4192074.22	0.38280	565650.46	4192074.22	0.41331
565670.46	4192074.22	0.44720	565690.46	4192074.22	0.48609
565570.46	4192094.22	0.30896	565590.46	4192094.22	0.33254
565610.46	4192094.22	0.35812	565630.46	4192094.22	0.38645
565650.46	4192094.22	0.41731	565570.46	4192114.22	0.31310
565590.46	4192114.22	0.33691	565610.46	4192114.22	0.36188
565630.46	4192114.22	0.38910	565650.46	4192114.22	0.41964
565570.46	4192134.22	0.31519	565590.46	4192134.22	0.33897
565610.46	4192134.22	0.36376	565630.46	4192134.22	0.39062
565570.46	4192154.22	0.31613	565590.46	4192154.22	0.34000
565610.46	4192154.22	0.36487	565630.46	4192154.22	0.39111
565570.46	4192174.22	0.31800	565590.46	4192174.22	0.34118
565610.46	4192174.22	0.36505	565630.46	4192174.22	0.38721
565690.46	4192174.22	0.46069	565710.46	4192174.22	0.46353
565730.46	4192174.22	0.46891	565750.46	4192174.22	0.48312
565770.46	4192174.22	0.48842	565790.46	4192174.22	0.48535
565810.46	4192174.22	0.49384	565570.46	4192194.22	0.31967
565590.46	4192194.22	0.34140	565610.46	4192194.22	0.36183
565630.46	4192194.22	0.39367	565650.46	4192194.22	0.41588
565670.46	4192194.22	0.42435	565690.46	4192194.22	0.42142
565710.46	4192194.22	0.41958	565730.46	4192194.22	0.42711
565750.46	4192194.22	0.43897	565770.46	4192194.22	0.45777
565790.46	4192194.22	0.47015	565810.46	4192194.22	

0.47999
565570.46 4192214.22 0.32042 565590.46 4192214.22
0.33881
565610.46 4192214.22 0.36812 565630.46 4192214.22
0.38640
565650.46 4192214.22 0.38934 565670.46 4192214.22
0.38246
565690.46 4192214.22 0.37907 565710.46 4192214.22
0.38140
565730.46 4192214.22 0.38700 565750.46 4192214.22
0.39843
565770.46 4192214.22 0.41622 565790.46 4192214.22
0.43491

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PAREA1 ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565810.46	4192214.22	0.45108	565570.46	4192234.22	0.31807
565590.46	4192234.22	0.34402	565610.46	4192234.22	0.36451
565630.46	4192234.22	0.36580	565650.46	4192234.22	0.35504
565670.46	4192234.22	0.34785	565690.46	4192234.22	0.34899
565710.46	4192234.22	0.35392	565730.46	4192234.22	0.36070
565750.46	4192234.22	0.37210	565770.46	4192234.22	0.38691
565790.46	4192234.22	0.40364	565810.46	4192234.22	0.41981
566610.64	4191596.95	1.05815	566594.96	4191572.56	0.99104
566676.84	4191551.66	0.85969	566582.76	4191498.52	0.78413
566607.15	4191478.49	0.73074	566639.38	4191459.32	0.64760
566587.99	4191437.55	0.55773	566635.90	4191431.45	0.53637
566616.73	4191406.19	0.44205	566600.18	4191377.44	0.35148
566633.29	4191315.60	0.24456	566669.00	4191327.79	0.27476
566868.47	4191523.78	0.53055	566871.96	4191416.64	

0.40880
566934.68 4191400.96 0.36351

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE1 ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565570.46	4191234.22	0.11923	565590.46	4191234.22	0.12315
565610.46	4191234.22	0.12715	565630.46	4191234.22	0.13114
565650.46	4191234.22	0.13516	565670.46	4191234.22	0.13923
565690.46	4191234.22	0.14333	565710.46	4191234.22	0.14743
565730.46	4191234.22	0.15154	565750.46	4191234.22	0.15561
565770.46	4191234.22	0.15969	565790.46	4191234.22	0.16372
565810.46	4191234.22	0.16754	565830.46	4191234.22	0.17120
565850.46	4191234.22	0.17499	565870.46	4191234.22	0.17880
565890.46	4191234.22	0.18247	565910.46	4191234.22	0.18594
565930.46	4191234.22	0.18936	565950.46	4191234.22	0.19304
565970.46	4191234.22	0.19674	565990.46	4191234.22	0.20052
566010.46	4191234.22	0.20449	566030.46	4191234.22	0.20879
566050.46	4191234.22	0.21351	566070.46	4191234.22	0.21813
566090.46	4191234.22	0.22264	566110.46	4191234.22	0.22714
566130.46	4191234.22	0.23172	566150.46	4191234.22	0.23636

566170.46 4191234.22 0.24140 566190.46 4191234.22
0.24616
566210.46 4191234.22 0.25044 566230.46 4191234.22
0.25401
566250.46 4191234.22 0.25246 566270.46 4191234.22
0.22409
566290.46 4191234.22 0.20653 566310.46 4191234.22
0.19205
566330.46 4191234.22 0.17667 566350.46 4191234.22
0.16497
566370.46 4191234.22 0.15779 566390.46 4191234.22
0.15299
566410.46 4191234.22 0.14933 566430.46 4191234.22
0.14704
566450.46 4191234.22 0.14611 566470.46 4191234.22
0.14621
566490.46 4191234.22 0.14832 566510.46 4191234.22
0.15257
566530.46 4191234.22 0.15750 566550.46 4191234.22
0.16304
566570.46 4191234.22 0.16893 565570.46 4191254.22
0.12305
565590.46 4191254.22 0.12735 565610.46 4191254.22
0.13165
565630.46 4191254.22 0.13597 565650.46 4191254.22
0.14037
565670.46 4191254.22 0.14484 565690.46 4191254.22
0.14936
565710.46 4191254.22 0.15389 565730.46 4191254.22
0.15844
565750.46 4191254.22 0.16298 565770.46 4191254.22
0.16754
565790.46 4191254.22 0.17206 565810.46 4191254.22
0.17642
565830.46 4191254.22 0.18071 565850.46 4191254.22
0.18501
565870.46 4191254.22 0.18934 565890.46 4191254.22
0.19357
565910.46 4191254.22 0.19758 565930.46 4191254.22
0.20148
565950.46 4191254.22 0.20553 565970.46 4191254.22
0.20960
565990.46 4191254.22 0.21371 566010.46 4191254.22
0.21802
566030.46 4191254.22 0.22277 566050.46 4191254.22
0.22823
566070.46 4191254.22 0.23353 566090.46 4191254.22
0.23862
566110.46 4191254.22 0.24368 566130.46 4191254.22
0.24888

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE1 ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 ,

L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 ,
L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 ,
L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 ,
L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
566150.46	4191254.22	0.25421	566170.46	4191254.22	0.25951
566190.46	4191254.22	0.26439	566210.46	4191254.22	0.26884
566230.46	4191254.22	0.27263	566250.46	4191254.22	0.26569
566270.46	4191254.22	0.23041	566290.46	4191254.22	0.21520
566310.46	4191254.22	0.19962	566330.46	4191254.22	0.18447
566350.46	4191254.22	0.17405	566370.46	4191254.22	0.16756
566390.46	4191254.22	0.16213	566410.46	4191254.22	0.15785
566430.46	4191254.22	0.15548	566450.46	4191254.22	0.15494
566470.46	4191254.22	0.15566	566490.46	4191254.22	0.15845
566510.46	4191254.22	0.16289	566530.46	4191254.22	0.16810
566550.46	4191254.22	0.17401	566570.46	4191254.22	0.18011
565570.46	4191274.22	0.12696	565590.46	4191274.22	0.13164
565610.46	4191274.22	0.13627	565630.46	4191274.22	0.14097
565650.46	4191274.22	0.14580	565670.46	4191274.22	0.15072
565690.46	4191274.22	0.15569	565710.46	4191274.22	0.16068
565730.46	4191274.22	0.16572	565750.46	4191274.22	0.17078
565770.46	4191274.22	0.17586	565790.46	4191274.22	0.18093
565810.46	4191274.22	0.18593	565830.46	4191274.22	0.19097
565850.46	4191274.22	0.19586	565870.46	4191274.22	0.20081
565890.46	4191274.22	0.20569	565910.46	4191274.22	0.21034
565930.46	4191274.22	0.21485	565950.46	4191274.22	0.21936
565970.46	4191274.22	0.22384	565990.46	4191274.22	0.22829

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        566010.46    4191274.22        0.23287                      566030.46    4191274.22
0.23797
        566050.46    4191274.22        0.24422                      566070.46    4191274.22
0.25030
        566090.46    4191274.22        0.25611                      566110.46    4191274.22
0.26189
        566130.46    4191274.22        0.26788                      566150.46    4191274.22
0.27404
        566170.46    4191274.22        0.27956                      566190.46    4191274.22
0.28448
        566210.46    4191274.22        0.28917                      566230.46    4191274.22
0.29317
        566250.46    4191274.22        0.27473                      566270.46    4191274.22
0.23995
        566290.46    4191274.22        0.22651                      566310.46    4191274.22
0.21127
        566330.46    4191274.22        0.19644                      566350.46    4191274.22
0.18644
        566370.46    4191274.22        0.18046                      566390.46    4191274.22
0.17453
        566410.46    4191274.22        0.16992                      566430.46    4191274.22
0.16773
        566450.46    4191274.22        0.16798                      566470.46    4191274.22
0.17003
        566490.46    4191274.22        0.17371                      566510.46    4191274.22
0.17811
        566530.46    4191274.22        0.18280                      566550.46    4191274.22
0.18811
        566570.46    4191274.22        0.19403                      565570.46    4191294.22
0.13096
        565590.46    4191294.22        0.13603                      565610.46    4191294.22
0.14105
        565630.46    4191294.22        0.14620                      565650.46    4191294.22
0.15152
        565670.46    4191294.22        0.15694                      565690.46    4191294.22
0.16242
*** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

               PAGE 214
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                            *** THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: SLINE1   ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002    , L0000003    ,
L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010    , L0000011    ,
L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018    , L0000019    ,
L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026    , L0000027    ,
L0000028    ,  . . .      ,

                                         *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)   Y-COORD (M)
```

CONC
 -
- - - - - - - - - - - - - -

565710.46	4191294.22	0.16791	565730.46	4191294.22	0.17354
565750.46	4191294.22	0.17917	565770.46	4191294.22	0.18481
565790.46	4191294.22	0.19047	565810.46	4191294.22	0.19619
565830.46	4191294.22	0.20203	565850.46	4191294.22	0.20766
565870.46	4191294.22	0.21338	565890.46	4191294.22	0.21904
565910.46	4191294.22	0.22446	565930.46	4191294.22	0.22987
565950.46	4191294.22	0.23513	565970.46	4191294.22	0.24006
565990.46	4191294.22	0.24482	566010.46	4191294.22	0.24966
566030.46	4191294.22	0.25495	566050.46	4191294.22	0.26141
566070.46	4191294.22	0.26823	566090.46	4191294.22	0.27492
566110.46	4191294.22	0.28170	566130.46	4191294.22	0.28874
566150.46	4191294.22	0.29588	566170.46	4191294.22	0.30180
566190.46	4191294.22	0.30696	566210.46	4191294.22	0.31195
566230.46	4191294.22	0.31590	566250.46	4191294.22	0.29476
566270.46	4191294.22	0.25700	566290.46	4191294.22	0.24244
566310.46	4191294.22	0.22810	566330.46	4191294.22	0.21446
566350.46	4191294.22	0.20446	566370.46	4191294.22	0.19823
566390.46	4191294.22	0.19237	566410.46	4191294.22	0.18833
566430.46	4191294.22	0.18658	566450.46	4191294.22	0.18712
566470.46	4191294.22	0.18953	566490.46	4191294.22	0.19403
566510.46	4191294.22	0.19846	566530.46	4191294.22	0.20353
566550.46	4191294.22	0.20960	566570.46	4191294.22	0.21624
565570.46	4191314.22	0.13497	565590.46	4191314.22	0.14042
565610.46	4191314.22	0.14596	565630.46	4191314.22	0.15167
565650.46	4191314.22	0.15752	565670.46	4191314.22	0.16345
565690.46	4191314.22	0.16946	565710.46	4191314.22	0.17555
565730.46	4191314.22	0.18184	565750.46	4191314.22	0.18813
565770.46	4191314.22	0.19446	565790.46	4191314.22	0.20084
565810.46	4191314.22	0.20728	565830.46	4191314.22	0.21391

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         565850.46    4191314.22        0.22048                      565870.46    4191314.22
0.22707
         565890.46    4191314.22        0.23357                      565910.46    4191314.22
0.23993
         565930.46    4191314.22        0.24643                      565950.46    4191314.22
0.25250
         565970.46    4191314.22        0.25813                      565990.46    4191314.22
0.26349
         566010.46    4191314.22        0.26885                      566030.46    4191314.22
0.27452
         566050.46    4191314.22        0.28093                      566070.46    4191314.22
0.28837
         566090.46    4191314.22        0.29607                      566110.46    4191314.22
0.30389
         566130.46    4191314.22        0.31185                      566150.46    4191314.22
0.32001
         566170.46    4191314.22        0.32670                      566190.46    4191314.22
0.33234
         566210.46    4191314.22        0.33768                      566230.46    4191314.22
0.34091
         566250.46    4191314.22        0.31869                      566270.46    4191314.22
0.27938
↑ *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 215
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                              *** THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: SLINE1   ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002    , L0000003    ,
L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010    , L0000011    ,
L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018    , L0000019    ,
L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026    , L0000027    ,
L0000028    ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD (M)
CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
         566290.46    4191314.22        0.26425                      566310.46    4191314.22
0.25080
         566330.46    4191314.22        0.23818                      566350.46    4191314.22
0.22804
         566370.46    4191314.22        0.22116                      566390.46    4191314.22
0.21514
         566410.46    4191314.22        0.21156                      566430.46    4191314.22
0.20969
         566450.46    4191314.22        0.20963                      566470.46    4191314.22
0.21164
         566490.46    4191314.22        0.21701                      566510.46    4191314.22
```

0.22213
566530.46 4191314.22 0.22828 566550.46 4191314.22
0.23546
566570.46 4191314.22 0.24272 565570.46 4191334.22
0.13898
565590.46 4191334.22 0.14483 565610.46 4191334.22
0.15093
565630.46 4191334.22 0.15724 565650.46 4191334.22
0.16367
565670.46 4191334.22 0.17017 565690.46 4191334.22
0.17678
565710.46 4191334.22 0.18356 565730.46 4191334.22
0.19059
565750.46 4191334.22 0.19762 565770.46 4191334.22
0.20476
565790.46 4191334.22 0.21197 565810.46 4191334.22
0.21920
565830.46 4191334.22 0.22665 565850.46 4191334.22
0.23438
565870.46 4191334.22 0.24199 565890.46 4191334.22
0.24944
565910.46 4191334.22 0.25691 565930.46 4191334.22
0.26470
565950.46 4191334.22 0.27172 565970.46 4191334.22
0.27827
565990.46 4191334.22 0.28455 566010.46 4191334.22
0.29072
566030.46 4191334.22 0.29697 566050.46 4191334.22
0.30315
566070.46 4191334.22 0.31106 566090.46 4191334.22
0.31992
566110.46 4191334.22 0.32885 566130.46 4191334.22
0.33761
566150.46 4191334.22 0.34684 566170.46 4191334.22
0.35473
566190.46 4191334.22 0.36108 566210.46 4191334.22
0.36683
566230.46 4191334.22 0.36806 566250.46 4191334.22
0.34804
566270.46 4191334.22 0.30924 566290.46 4191334.22
0.29395
566310.46 4191334.22 0.28155 566330.46 4191334.22
0.27055
566350.46 4191334.22 0.26088 566370.46 4191334.22
0.25320
566390.46 4191334.22 0.24596 566410.46 4191334.22
0.24181
566430.46 4191334.22 0.23818 566450.46 4191334.22
0.23556
566470.46 4191334.22 0.23566 566490.46 4191334.22
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566510.46 4191334.22 0.24902 566530.46 4191334.22
0.25744
566550.46 4191334.22 0.26597 566570.46 4191334.22
0.27331
565570.46 4191354.22 0.14296 565590.46 4191354.22
0.14924
565610.46 4191354.22 0.15578 565630.46 4191354.22
0.16266
565650.46 4191354.22 0.16972 565670.46 4191354.22
0.17692

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        565690.46    4191354.22        0.18428                      565710.46    4191354.22
0.19192
        565730.46    4191354.22        0.19976                      565750.46    4191354.22
0.20762
        565770.46    4191354.22        0.21567                      565790.46    4191354.22
0.22385
        565810.46    4191354.22        0.23203                      565830.46    4191354.22
0.24045
*** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***       07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***       10:56:55

               PAGE 216
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                              *** THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: SLINE1   ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002    , L0000003    ,
L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010    , L0000011    ,
L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018    , L0000019    ,
L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026    , L0000027    ,
L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                      ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)   Y-COORD (M)
CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
        565850.46    4191354.22        0.24935                      565870.46    4191354.22
0.25834
        565890.46    4191354.22        0.26707                      565910.46    4191354.22
0.27559
        565930.46    4191354.22        0.28453                      565950.46    4191354.22
0.29290
        565970.46    4191354.22        0.30079                      565990.46    4191354.22
0.30833
        566010.46    4191354.22        0.31571                      566030.46    4191354.22
0.32306
        566050.46    4191354.22        0.33060                      566070.46    4191354.22
0.33847
        566090.46    4191354.22        0.34771                      566110.46    4191354.22
0.35813
        566130.46    4191354.22        0.36866                      566150.46    4191354.22
0.37793
        566170.46    4191354.22        0.38520                      566190.46    4191354.22
0.39282
        566210.46    4191354.22        0.39978                      566230.46    4191354.22
0.39461
        566250.46    4191354.22        0.37018                      566270.46    4191354.22
0.34024
        566290.46    4191354.22        0.32762                      566310.46    4191354.22
0.31671
        566330.46    4191354.22        0.30511                      566350.46    4191354.22
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0.29368
566370.46 4191354.22 0.28488 566390.46 4191354.22
0.27715
566410.46 4191354.22 0.27155 566430.46 4191354.22
0.26685
566450.46 4191354.22 0.26376 566470.46 4191354.22
0.26430
566490.46 4191354.22 0.27181 566510.46 4191354.22
0.28159
566530.46 4191354.22 0.29189 566550.46 4191354.22
0.30096
566570.46 4191354.22 0.30760 565570.46 4191374.22
0.14698
565590.46 4191374.22 0.15370 565610.46 4191374.22
0.16070
565630.46 4191374.22 0.16812 565650.46 4191374.22
0.17586
565670.46 4191374.22 0.18385 565690.46 4191374.22
0.19208
565710.46 4191374.22 0.20058 565730.46 4191374.22
0.20929
565750.46 4191374.22 0.21813 565770.46 4191374.22
0.22720
565790.46 4191374.22 0.23645 565810.46 4191374.22
0.24579
565830.46 4191374.22 0.25538 565850.46 4191374.22
0.26562
565870.46 4191374.22 0.27609 565890.46 4191374.22
0.28628
565910.46 4191374.22 0.29617 565930.46 4191374.22
0.30657
565950.46 4191374.22 0.31659 565970.46 4191374.22
0.32608
565990.46 4191374.22 0.33534 566010.46 4191374.22
0.34438
566030.46 4191374.22 0.35321 566050.46 4191374.22
0.36236
566070.46 4191374.22 0.37135 566090.46 4191374.22
0.38248
566110.46 4191374.22 0.39514 566130.46 4191374.22
0.40705
566150.46 4191374.22 0.41597 566170.46 4191374.22
0.42224
566190.46 4191374.22 0.42954 566210.46 4191374.22
0.43719
566230.46 4191374.22 0.42727 566250.46 4191374.22
0.39651
566270.46 4191374.22 0.37362 566290.46 4191374.22
0.36330
566310.46 4191374.22 0.35410 566330.46 4191374.22
0.34262
566350.46 4191374.22 0.33062 566370.46 4191374.22
0.32172
566390.46 4191374.22 0.31429 566410.46 4191374.22
0.30806

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                              *** THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: SLINE1   ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002    , L0000003    ,
L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010    , L0000011    ,
L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018    , L0000019    ,
L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026    , L0000027    ,
L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                      ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)   Y-COORD (M)
CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
         566430.46    4191374.22        0.30303                      566450.46    4191374.22
0.30000
         566470.46    4191374.22        0.30115                      566490.46    4191374.22
0.30996
         566510.46    4191374.22        0.32187                      566530.46    4191374.22
0.33331
         566550.46    4191374.22        0.34222                      566570.46    4191374.22
0.34783
         565570.46    4191394.22        0.15102                      565590.46    4191394.22
0.15818
         565610.46    4191394.22        0.16568                      565630.46    4191394.22
0.17365
         565650.46    4191394.22        0.18209                      565670.46    4191394.22
0.19094
         565690.46    4191394.22        0.20014                      565710.46    4191394.22
0.20955
         565730.46    4191394.22        0.21918                      565750.46    4191394.22
0.22915
         565770.46    4191394.22        0.23935                      565790.46    4191394.22
0.24980
         565810.46    4191394.22        0.26053                      565830.46    4191394.22
0.27149
         565850.46    4191394.22        0.28327                      565870.46    4191394.22
0.29537
         565890.46    4191394.22        0.30724                      565910.46    4191394.22
0.31887
         565930.46    4191394.22        0.33109                      565950.46    4191394.22
0.34311
         565970.46    4191394.22        0.35456                      565990.46    4191394.22
0.36607
         566010.46    4191394.22        0.37742                      566030.46    4191394.22
0.38818
         566050.46    4191394.22        0.39927                      566070.46    4191394.22
0.41100
         566090.46    4191394.22        0.42577                      566110.46    4191394.22
0.44064
         566130.46    4191394.22        0.45206                      566150.46    4191394.22
0.45887
         566170.46    4191394.22        0.46637                      566190.46    4191394.22
```

0.47231
566210.46 4191394.22 0.48001 566230.46 4191394.22
0.47118
566250.46 4191394.22 0.43025 566270.46 4191394.22
0.40832
566290.46 4191394.22 0.39880 566310.46 4191394.22
0.39115
566330.46 4191394.22 0.38179 566350.46 4191394.22
0.37210
566370.46 4191394.22 0.36530 566390.46 4191394.22
0.36006
566410.46 4191394.22 0.35743 566430.46 4191394.22
0.35405
566450.46 4191394.22 0.35174 566470.46 4191394.22
0.35256
566490.46 4191394.22 0.36164 566510.46 4191394.22
0.37357
566530.46 4191394.22 0.38398 566550.46 4191394.22
0.39160
566570.46 4191394.22 0.39677 565570.46 4191414.22
0.15508
565590.46 4191414.22 0.16269 565610.46 4191414.22
0.17078
565630.46 4191414.22 0.17938 565650.46 4191414.22
0.18855
565670.46 4191414.22 0.19826 565690.46 4191414.22
0.20842
565710.46 4191414.22 0.21884 565730.46 4191414.22
0.22956
565750.46 4191414.22 0.24073 565770.46 4191414.22
0.25215
565790.46 4191414.22 0.26389 565810.46 4191414.22
0.27613
565830.46 4191414.22 0.28899 565850.46 4191414.22
0.30231
565870.46 4191414.22 0.31621 565890.46 4191414.22
0.33008
565910.46 4191414.22 0.34379 565930.46 4191414.22
0.35807
565950.46 4191414.22 0.37256 565970.46 4191414.22
0.38630

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE1 ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565990.46	4191414.22	0.40034	566010.46	4191414.22	0.41468
566030.46	4191414.22	0.42889	566050.46	4191414.22	0.44333
566070.46	4191414.22	0.45927	566090.46	4191414.22	0.47562
566110.46	4191414.22	0.48899	566130.46	4191414.22	0.47605
566150.46	4191414.22	0.43910	566170.46	4191414.22	0.45191
566190.46	4191414.22	0.49317	566210.46	4191414.22	0.50733
566230.46	4191414.22	0.50041	566250.46	4191414.22	0.46327
566270.46	4191414.22	0.44548	566290.46	4191414.22	0.43694
566310.46	4191414.22	0.43151	566330.46	4191414.22	0.42370
566350.46	4191414.22	0.41328	566370.46	4191414.22	0.40332
566390.46	4191414.22	0.40126	566410.46	4191414.22	0.40278
566430.46	4191414.22	0.40549	566450.46	4191414.22	0.40858
566470.46	4191414.22	0.41192	566490.46	4191414.22	0.42068
566510.46	4191414.22	0.43221	566530.46	4191414.22	0.44372
566550.46	4191414.22	0.45255	566570.46	4191414.22	0.45823
565570.46	4191434.22	0.15909	565590.46	4191434.22	0.16719
565610.46	4191434.22	0.17591	565630.46	4191434.22	0.18519
565650.46	4191434.22	0.19513	565670.46	4191434.22	0.20571
565690.46	4191434.22	0.21684	565710.46	4191434.22	0.22833
565730.46	4191434.22	0.24024	565750.46	4191434.22	0.25271
565770.46	4191434.22	0.26553	565790.46	4191434.22	0.27879
565810.46	4191434.22	0.29277	565830.46	4191434.22	0.30751
565850.46	4191434.22	0.32279	565870.46	4191434.22	0.33893
565890.46	4191434.22	0.35513	565910.46	4191434.22	0.37123
565930.46	4191434.22	0.38813	565950.46	4191434.22	0.40548
565970.46	4191434.22	0.42215	565990.46	4191434.22	0.43955
566010.46	4191434.22	0.45781	566030.46	4191434.22	

0.47643
566050.46   4191434.22   0.49493   566070.46   4191434.22
0.51352
566090.46   4191434.22   0.52910   566110.46   4191434.22
0.50457
566130.46   4191434.22   0.43234   566150.46   4191434.22
0.40652
566170.46   4191434.22   0.40711   566190.46   4191434.22
0.42899
566210.46   4191434.22   0.45737   566230.46   4191434.22
0.47694
566250.46   4191434.22   0.47829   566270.46   4191434.22
0.46769
566290.46   4191434.22   0.46228   566310.46   4191434.22
0.46107
566330.46   4191434.22   0.45817   566350.46   4191434.22
0.45019
566370.46   4191434.22   0.43913   566390.46   4191434.22
0.44171
566410.46   4191434.22   0.44764   566430.46   4191434.22
0.45780
566450.46   4191434.22   0.46867   566470.46   4191434.22
0.47724
566490.46   4191434.22   0.48624   566510.46   4191434.22
0.49712
566530.46   4191434.22   0.51081   566550.46   4191434.22
0.52250

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SLINE1   ***
INCLUDING SOURCE(S):   L0000001   , L0000002   , L0000003   , L0000004   , L0000005   ,
L0000006   , L0000007   , L0000008   , L0000009   , L0000010   , L0000011   , L0000012   , L0000013   ,
L0000014   , L0000015   , L0000016   , L0000017   , L0000018   , L0000019   , L0000020   , L0000021   ,
L0000022   , L0000023   , L0000024   , L0000025   , L0000026   , L0000027   , L0000028   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5   IN MICROGRAMS/M**3 **

X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
- -
566570.46   4191434.22   0.52996   565570.46   4191454.22
0.16305
565590.46   4191454.22   0.17166   565610.46   4191454.22
0.18105
565630.46   4191454.22   0.19105   565650.46   4191454.22
0.20178

565670.46	4191454.22	0.21325	565690.46	4191454.22	0.22537
565710.46	4191454.22	0.23798	565730.46	4191454.22	0.25117
565750.46	4191454.22	0.26507	565770.46	4191454.22	0.27944
565790.46	4191454.22	0.29450	565810.46	4191454.22	0.31048
565830.46	4191454.22	0.32704	565850.46	4191454.22	0.34476
565870.46	4191454.22	0.36366	565890.46	4191454.22	0.38262
565910.46	4191454.22	0.40147	565930.46	4191454.22	0.42164
565950.46	4191454.22	0.44234	565970.46	4191454.22	0.46272
565990.46	4191454.22	0.48460	566010.46	4191454.22	0.50804
566030.46	4191454.22	0.53196	566050.46	4191454.22	0.55442
566070.46	4191454.22	0.57250	566090.46	4191454.22	0.54818
566110.46	4191454.22	0.46764	566130.46	4191454.22	0.42490
566150.46	4191454.22	0.39900	566170.46	4191454.22	0.39137
566190.46	4191454.22	0.40039	566210.46	4191454.22	0.41821
566230.46	4191454.22	0.44070	566250.46	4191454.22	0.45971
566270.46	4191454.22	0.45315	566290.46	4191454.22	0.45112
566310.46	4191454.22	0.45826	566330.46	4191454.22	0.46726
566350.46	4191454.22	0.47118	566370.46	4191454.22	0.46842
566390.46	4191454.22	0.47655	566410.46	4191454.22	0.48637
566430.46	4191454.22	0.49969	566450.46	4191454.22	0.51603
566470.46	4191454.22	0.53319	566490.46	4191454.22	0.54663
566510.46	4191454.22	0.55784	566530.46	4191454.22	0.57390
566550.46	4191454.22	0.59032	566570.46	4191454.22	0.60303
565570.46	4191474.22	0.16701	565590.46	4191474.22	0.17615
565610.46	4191474.22	0.18619	565630.46	4191474.22	0.19690
565650.46	4191474.22	0.20843	565670.46	4191474.22	0.22071
565690.46	4191474.22	0.23374	565710.46	4191474.22	0.24758
565730.46	4191474.22	0.26223	565750.46	4191474.22	0.27772
565770.46	4191474.22	0.29393	565790.46	4191474.22	0.31110
565810.46	4191474.22	0.32945	565830.46	4191474.22	0.34823
565850.46	4191474.22	0.36904	565870.46	4191474.22	

0.39080
565890.46 4191474.22 0.41243 565910.46 4191474.22
0.43424
565930.46 4191474.22 0.45825 565950.46 4191474.22
0.48362
565970.46 4191474.22 0.50901 565990.46 4191474.22
0.53712
566010.46 4191474.22 0.56631 566030.46 4191474.22
0.59370
566050.46 4191474.22 0.61790 566070.46 4191474.22
0.61038
566090.46 4191474.22 0.52666 566110.46 4191474.22
0.47093

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE1 ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
566130.46	4191474.22	0.43160	566150.46	4191474.22	0.40549
566170.46	4191474.22	0.39474	566190.46	4191474.22	0.39817
566210.46	4191474.22	0.40902	566230.46	4191474.22	0.42690
566250.46	4191474.22	0.44692	566270.46	4191474.22	0.44679
566290.46	4191474.22	0.44759	566310.46	4191474.22	0.46002
566330.46	4191474.22	0.47973	566350.46	4191474.22	0.49986
566370.46	4191474.22	0.51188	566390.46	4191474.22	0.51934
566410.46	4191474.22	0.52722	566430.46	4191474.22	0.54062
566450.46	4191474.22	0.56008	566470.46	4191474.22	0.58303
566490.46	4191474.22	0.60137	566510.46	4191474.22	0.61288

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        566530.46    4191474.22        0.62999                      566550.46    4191474.22
0.64943
        566570.46    4191474.22        0.66669                      565570.46    4191494.22
0.17100
        565590.46    4191494.22        0.18069                      565610.46    4191494.22
0.19135
        565630.46    4191494.22        0.20272                      565650.46    4191494.22
0.21503
        565670.46    4191494.22        0.22820                      565690.46    4191494.22
0.24225
        565710.46    4191494.22        0.25741                      565730.46    4191494.22
0.27359
        565750.46    4191494.22        0.29075                      565770.46    4191494.22
0.30893
        565790.46    4191494.22        0.32841                      565810.46    4191494.22
0.34938
        565830.46    4191494.22        0.37077                      565850.46    4191494.22
0.39501
        565870.46    4191494.22        0.41999                      565890.46    4191494.22
0.44501
        565910.46    4191494.22        0.47085                      565930.46    4191494.22
0.49974
        565950.46    4191494.22        0.53045                      565970.46    4191494.22
0.56212
        565990.46    4191494.22        0.59714                      566010.46    4191494.22
0.63203
        566030.46    4191494.22        0.66307                      566050.46    4191494.22
0.68560
        566070.46    4191494.22        0.62361                      566090.46    4191494.22
0.53831
        566110.46    4191494.22        0.48179                      566130.46    4191494.22
0.44059
        566150.46    4191494.22        0.41673                      566170.46    4191494.22
0.40650
        566190.46    4191494.22        0.40832                      566210.46    4191494.22
0.41587
        566230.46    4191494.22        0.43021                      566250.46    4191494.22
0.44888
        566270.46    4191494.22        0.45594                      566290.46    4191494.22
0.45787
        566310.46    4191494.22        0.47202                      566330.46    4191494.22
0.49837
        566350.46    4191494.22        0.53183                      566370.46    4191494.22
0.56061
        566390.46    4191494.22        0.56852                      566410.46    4191494.22
0.57365
        566430.46    4191494.22        0.58510                      566450.46    4191494.22
0.60492
        566470.46    4191494.22        0.63066                      566490.46    4191494.22
0.65351
        566510.46    4191494.22        0.66538                      566530.46    4191494.22
0.68178
        566550.46    4191494.22        0.70199                      566570.46    4191494.22
0.72237
        565570.46    4191514.22        0.17500                      565590.46    4191514.22
0.18530
        565610.46    4191514.22        0.19652                      565630.46    4191514.22
0.20847
        565650.46    4191514.22        0.22156                      565670.46    4191514.22
0.23568
↑ *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
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*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE1 ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565690.46	4191514.22	0.25089	565710.46	4191514.22	0.26745
565730.46	4191514.22	0.28522	565750.46	4191514.22	0.30413
565770.46	4191514.22	0.32438	565790.46	4191514.22	0.34635
565810.46	4191514.22	0.37018	565830.46	4191514.22	0.39464
565850.46	4191514.22	0.42251	565870.46	4191514.22	0.45113
565890.46	4191514.22	0.48067	565910.46	4191514.22	0.51224
565930.46	4191514.22	0.54755	565950.46	4191514.22	0.58401
565970.46	4191514.22	0.62351	565990.46	4191514.22	0.66530
566010.46	4191514.22	0.70546	566030.46	4191514.22	0.74131
566050.46	4191514.22	0.74916	566070.46	4191514.22	0.64390
566090.46	4191514.22	0.55989	566110.46	4191514.22	0.49401
566130.46	4191514.22	0.45087	566150.46	4191514.22	0.42919
566170.46	4191514.22	0.42478	566190.46	4191514.22	0.42692
566210.46	4191514.22	0.43115	566230.46	4191514.22	0.44091
566250.46	4191514.22	0.45664	566270.46	4191514.22	0.47049
566290.46	4191514.22	0.47307	566310.46	4191514.22	0.48565
566330.46	4191514.22	0.51195	566350.46	4191514.22	0.55055

566370.46 4191514.22 0.59308 566390.46 4191514.22
0.62070
566410.46 4191514.22 0.63559 566430.46 4191514.22
0.64533
566450.46 4191514.22 0.65868 566470.46 4191514.22
0.67962
566490.46 4191514.22 0.70410 566510.46 4191514.22
0.71857
566530.46 4191514.22 0.73102 566550.46 4191514.22
0.74655
566570.46 4191514.22 0.76415 565570.46 4191534.22
0.17888
565590.46 4191534.22 0.18959 565610.46 4191534.22
0.20121
565630.46 4191534.22 0.21389 565650.46 4191534.22
0.22774
565670.46 4191534.22 0.24282 565690.46 4191534.22
0.25925
565710.46 4191534.22 0.27727 565730.46 4191534.22
0.29676
565750.46 4191534.22 0.31751 565770.46 4191534.22
0.33992
565790.46 4191534.22 0.36437 565810.46 4191534.22
0.39099
565830.46 4191534.22 0.41939 565850.46 4191534.22
0.45117
565870.46 4191534.22 0.48428 565890.46 4191534.22
0.51926
565910.46 4191534.22 0.55744 565930.46 4191534.22
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565950.46 4191534.22 0.64390 565970.46 4191534.22
0.69026
565990.46 4191534.22 0.73963 566010.46 4191534.22
0.78873
566030.46 4191534.22 0.83296 566050.46 4191534.22
0.78659
566070.46 4191534.22 0.67691 566090.46 4191534.22
0.58349
566110.46 4191534.22 0.51097 566130.46 4191534.22
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566150.46 4191534.22 0.45089 566170.46 4191534.22
0.44877
566190.46 4191534.22 0.45054 566210.46 4191534.22
0.45407
566230.46 4191534.22 0.46237 566250.46 4191534.22
0.47616

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE
GROUP: SLINE1 ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 ,
L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 ,
L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 ,

L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 ,
L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
566270.46	4191534.22	0.49124	566290.46	4191534.22	0.49896
566310.46	4191534.22	0.51436	566330.46	4191534.22	0.54139
566350.46	4191534.22	0.58086	566370.46	4191534.22	0.62837
566390.46	4191534.22	0.66949	566410.46	4191534.22	0.69864
566430.46	4191534.22	0.71617	566450.46	4191534.22	0.73018
566470.46	4191534.22	0.74666	566490.46	4191534.22	0.76587
566510.46	4191534.22	0.77968	566530.46	4191534.22	0.78774
566550.46	4191534.22	0.79772	566570.46	4191534.22	0.81025
565570.46	4191554.22	0.18260	565590.46	4191554.22	0.19370
565610.46	4191554.22	0.20577	565630.46	4191554.22	0.21910
565650.46	4191554.22	0.23371	565670.46	4191554.22	0.24974
565690.46	4191554.22	0.26739	565710.46	4191554.22	0.28685
565730.46	4191554.22	0.30815	565750.46	4191554.22	0.33092
565770.46	4191554.22	0.35571	565790.46	4191554.22	0.38282
565810.46	4191554.22	0.41249	565830.46	4191554.22	0.44485
565850.46	4191554.22	0.48091	565870.46	4191554.22	0.51945
565890.46	4191554.22	0.56108	565910.46	4191554.22	0.60712
565930.46	4191554.22	0.65873	565950.46	4191554.22	0.71042
565970.46	4191554.22	0.76448	565990.46	4191554.22	0.82398
566010.46	4191554.22	0.88557	566030.46	4191554.22	0.92118
566050.46	4191554.22	0.81532	566070.46	4191554.22	0.71910
566090.46	4191554.22	0.61643	566110.46	4191554.22	0.54165
566130.46	4191554.22	0.49946	566150.46	4191554.22	0.48219
566170.46	4191554.22	0.47993	566190.46	4191554.22	0.48079

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         566210.46    4191554.22        0.48501                      566230.46    4191554.22
0.49390
         566250.46    4191554.22        0.50736                      566270.46    4191554.22
0.52287
         566290.46    4191554.22        0.53902                      566310.46    4191554.22
0.56089
         566330.46    4191554.22        0.59083                      566350.46    4191554.22
0.63013
         566370.46    4191554.22        0.67786                      566390.46    4191554.22
0.72689
         566410.46    4191554.22        0.77123                      566430.46    4191554.22
0.80236
         566450.46    4191554.22        0.82186                      566470.46    4191554.22
0.83480
         566490.46    4191554.22        0.84548                      566510.46    4191554.22
0.85543
         566530.46    4191554.22        0.85795                      566550.46    4191554.22
0.86080
         566570.46    4191554.22        0.86561                      565570.46    4191574.22
0.18612
         565590.46    4191574.22        0.19763                      565610.46    4191574.22
0.21022
         565630.46    4191574.22        0.22407                      565650.46    4191574.22
0.23940
         565670.46    4191574.22        0.25638                      565690.46    4191574.22
0.27516
         565710.46    4191574.22        0.29599                      565730.46    4191574.22
0.31925
         565750.46    4191574.22        0.34428                      565770.46    4191574.22
0.37166
         565790.46    4191574.22        0.40177                      565810.46    4191574.22
0.43481
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```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                              *** THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: SLINE1   ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002    , L0000003    ,
L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010    , L0000011    ,
L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018    , L0000019    ,
L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026    , L0000027    ,
L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)   Y-COORD (M)
CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
         565830.46    4191574.22        0.47047                      565850.46    4191574.22
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565870.46 4191574.22 0.55640 565890.46 4191574.22
0.60643
565910.46 4191574.22 0.66166 565930.46 4191574.22
0.72196
565950.46 4191574.22 0.78296 565970.46 4191574.22
0.84610
565990.46 4191574.22 0.92082 566010.46 4191574.22
0.99957
566030.46 4191574.22 0.98880 566050.46 4191574.22
0.86782
566070.46 4191574.22 0.77568 566090.46 4191574.22
0.67536
566110.46 4191574.22 0.60318 566130.46 4191574.22
0.55900
566150.46 4191574.22 0.53486 566170.46 4191574.22
0.52807
566190.46 4191574.22 0.52666 566210.46 4191574.22
0.53267
566230.46 4191574.22 0.54538 566250.46 4191574.22
0.56338
566270.46 4191574.22 0.58464 566290.46 4191574.22
0.61096
566310.46 4191574.22 0.64288 566330.46 4191574.22
0.68096
566350.46 4191574.22 0.72514 566370.46 4191574.22
0.77378
566390.46 4191574.22 0.82319 566410.46 4191574.22
0.86897
566430.46 4191574.22 0.90501 566450.46 4191574.22
0.93003
566470.46 4191574.22 0.94533 566490.46 4191574.22
0.95312
566510.46 4191574.22 0.95537 566530.46 4191574.22
0.95067
566550.46 4191574.22 0.94335 566570.46 4191574.22
0.93474
565570.46 4191594.22 0.18950 565590.46 4191594.22
0.20155
565610.46 4191594.22 0.21483 565630.46 4191594.22
0.22926
565650.46 4191594.22 0.24522 565670.46 4191594.22
0.26292
565690.46 4191594.22 0.28261 565710.46 4191594.22
0.30467
565730.46 4191594.22 0.32982 565750.46 4191594.22
0.35717
565770.46 4191594.22 0.38730 565790.46 4191594.22
0.42046
565810.46 4191594.22 0.45687 565830.46 4191594.22
0.49694
565850.46 4191594.22 0.54323 565870.46 4191594.22
0.59682
565890.46 4191594.22 0.65710 565910.46 4191594.22
0.72264
565930.46 4191594.22 0.79160 565950.46 4191594.22
0.86204
565970.46 4191594.22 0.94005 565990.46 4191594.22
1.03429
566010.46 4191594.22 1.13270 566030.46 4191594.22
1.07410

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         566050.46    4191594.22        0.94901                      566070.46    4191594.22
0.86317
         566090.46    4191594.22        0.76343                      566110.46    4191594.22
0.68652
         566130.46    4191594.22        0.63365                      566150.46    4191594.22
0.60045
         566170.46    4191594.22        0.58923                      566190.46    4191594.22
0.58829
         566210.46    4191594.22        0.59854                      566230.46    4191594.22
0.61758
         566250.46    4191594.22        0.64368                      566270.46    4191594.22
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         566290.46    4191594.22        0.71836                      566310.46    4191594.22
0.76452
         566330.46    4191594.22        0.81393                      566350.46    4191594.22
0.86598
         566370.46    4191594.22        0.91956                      566390.46    4191594.22
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↑ *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***       07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***       10:56:55

                PAGE 224
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                              *** THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: SLINE1   ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002    , L0000003    ,
L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010    , L0000011    ,
L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018    , L0000019    ,
L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026    , L0000027    ,
L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                      ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)   Y-COORD (M)
CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
         566410.46    4191594.22        1.01715                      566430.46    4191594.22
1.05237
         566450.46    4191594.22        1.07559                      566470.46    4191594.22
1.08702
         566490.46    4191594.22        1.08755                      566510.46    4191594.22
1.07913
         566530.46    4191594.22        1.06333                      566550.46    4191594.22
1.04280
         566570.46    4191594.22        1.01934                      565570.46    4191614.22
0.19272
         565590.46    4191614.22        0.20530                      565610.46    4191614.22
0.21926
         565630.46    4191614.22        0.23434                      565650.46    4191614.22
0.25095
         565670.46    4191614.22        0.26937                      565690.46    4191614.22
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0.29001					
	565710.46	4191614.22	0.31340	565730.46	4191614.22
0.34024					
	565750.46	4191614.22	0.36988	565770.46	4191614.22
0.40276					
	565790.46	4191614.22	0.43901	565810.46	4191614.22
0.47911					
	565830.46	4191614.22	0.52445	565850.46	4191614.22
0.57790					
	565870.46	4191614.22	0.64092	565890.46	4191614.22
0.71208					
	565910.46	4191614.22	0.78851	565930.46	4191614.22
0.86710					
	565950.46	4191614.22	0.94969	565970.46	4191614.22
1.04834					
	565990.46	4191614.22	1.16656	566010.46	4191614.22
1.28828					
	566030.46	4191614.22	1.20584	566050.46	4191614.22
1.06624					
	566070.46	4191614.22	0.98676	566090.46	4191614.22
0.88597					
	566110.46	4191614.22	0.79777	566130.46	4191614.22
0.72963					
	566150.46	4191614.22	0.68419	566170.46	4191614.22
0.66833					
	566190.46	4191614.22	0.67085	566210.46	4191614.22
0.68878					
	566230.46	4191614.22	0.71774	566250.46	4191614.22
0.75677					
	566270.46	4191614.22	0.80877	566290.46	4191614.22
0.87274					
	566310.46	4191614.22	0.93872	566330.46	4191614.22
1.00255					
	566350.46	4191614.22	1.06397	566370.46	4191614.22
1.12317					
	566390.46	4191614.22	1.17581	566410.46	4191614.22
1.21750					
	566430.46	4191614.22	1.24505	566450.46	4191614.22
1.25874					
	566470.46	4191614.22	1.25940	566490.46	4191614.22
1.24749					
	566510.46	4191614.22	1.22446	566530.46	4191614.22
1.19328					
	566550.46	4191614.22	1.15614	566570.46	4191614.22
1.11581					
	565570.46	4191634.22	0.19576	565590.46	4191634.22
0.20880					
	565610.46	4191634.22	0.22337	565630.46	4191634.22
0.23925					
	565650.46	4191634.22	0.25657	565670.46	4191634.22
0.27586					
	565690.46	4191634.22	0.29773	565710.46	4191634.22
0.32273					
	565730.46	4191634.22	0.35092	565750.46	4191634.22
0.38260					
	565770.46	4191634.22	0.41801	565790.46	4191634.22
0.45748					
	565810.46	4191634.22	0.50199	565830.46	4191634.22
0.55411					
	565850.46	4191634.22	0.61824	565870.46	4191634.22
0.69085					

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        565890.46    4191634.22        0.77060                      565910.46    4191634.22
0.85571
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1.04983
 *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 225
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                              *** THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: SLINE1   ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002    , L0000003    ,
L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010    , L0000011    ,
L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018    , L0000019    ,
L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026    , L0000027    ,
L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                      ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD (M)
CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - -
        565970.46    4191634.22        1.17639                      565990.46    4191634.22
1.32118
        566010.46    4191634.22        1.46762                      566030.46    4191634.22
1.39515
        566050.46    4191634.22        1.28317                      566070.46    4191634.22
1.19650
        566090.46    4191634.22        1.08697                      566110.46    4191634.22
0.97328
        566130.46    4191634.22        0.87550                      566150.46    4191634.22
0.81049
        566170.46    4191634.22        0.78849                      566190.46    4191634.22
0.79750
        566210.46    4191634.22        0.82722                      566230.46    4191634.22
0.87215
        566250.46    4191634.22        0.93203                      566270.46    4191634.22
1.01037
        566290.46    4191634.22        1.10432                      566310.46    4191634.22
1.19342
        566330.46    4191634.22        1.27354                      566350.46    4191634.22
1.34477
        566370.46    4191634.22        1.40704                      566390.46    4191634.22
1.45594
        565570.46    4191654.22        0.19879                      565590.46    4191654.22
0.21232
        565610.46    4191654.22        0.22745                      565630.46    4191654.22
0.24398
        565650.46    4191654.22        0.26211                      565670.46    4191654.22
0.28251
        565690.46    4191654.22        0.30573                      565710.46    4191654.22
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0.33212
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566010.46 4191654.22 1.68029 566030.46 4191654.22
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566050.46 4191654.22 1.67369 566070.46 4191654.22
1.58941
566090.46 4191654.22 1.43276 566110.46 4191654.22
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565610.46 4191674.22 0.23145 565630.46 4191674.22
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565650.46 4191674.22 0.26755 565670.46 4191674.22
0.28908
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0.34123
565730.46 4191674.22 0.37235 566010.46 4191674.22
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566030.46 4191674.22 2.16536 566050.46 4191674.22
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566070.46 4191674.22 2.22822 566090.46 4191674.22
2.02212
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1.56293
566150.46 4191674.22 1.43957 566170.46 4191674.22
1.35117
566190.46 4191674.22 1.34015 566210.46 4191674.22
1.39736
566230.46 4191674.22 1.50382 566250.46 4191674.22
1.64989
566270.46 4191674.22 1.82922 566290.46 4191674.22
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565570.46 4191694.22 0.20520 565590.46 4191694.22
0.21960
565610.46 4191694.22 0.23536 565630.46 4191694.22
0.25307

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE1 ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565650.46	4191694.22	0.27297	565670.46	4191694.22	0.29543
565690.46	4191694.22	0.32085	565710.46	4191694.22	0.34967
565730.46	4191694.22	0.38229	566050.46	4191694.22	2.87481
566070.46	4191694.22	3.16833	566090.46	4191694.22	2.93856
566110.46	4191694.22	2.63511	566130.46	4191694.22	2.31671
566150.46	4191694.22	2.08221	566170.46	4191694.22	1.92349
566190.46	4191694.22	1.88254	566210.46	4191694.22	1.97690
566230.46	4191694.22	2.16692	566250.46	4191694.22	2.39865
566270.46	4191694.22	2.59979	565570.46	4191714.22	0.20815
565590.46	4191714.22	0.22314	565610.46	4191714.22	0.23971
565630.46	4191714.22	0.25793	565650.46	4191714.22	0.27848
565670.46	4191714.22	0.30173	565690.46	4191714.22	0.32800
565710.46	4191714.22	0.35779	565730.46	4191714.22	0.39181
566070.46	4191714.22	4.00749	566090.46	4191714.22	4.37244
566110.46	4191714.22	4.07986	566130.46	4191714.22	3.69507
566150.46	4191714.22	3.23769	566170.46	4191714.22	2.90643
566190.46	4191714.22	2.79475	565570.46	4191734.22	0.21087
565590.46	4191734.22	0.22650	565610.46	4191734.22	0.24404
565630.46	4191734.22	0.26273	565650.46	4191734.22	0.28392
565670.46	4191734.22	0.30792	565690.46	4191734.22	0.33499
565710.46	4191734.22	0.36557	566110.46	4191734.22	6.86534
566130.46	4191734.22	6.42781	566150.46	4191734.22	

```
5.47978
         566170.46    4191734.22        4.74761                      566190.46    4191734.22
4.44394
         565570.46    4191754.22        0.21349                      565590.46    4191754.22
0.22961
         565610.46    4191754.22        0.24757                      565630.46    4191754.22
0.26659
         565650.46    4191754.22        0.28898                      565670.46    4191754.22
0.31414
         565690.46    4191754.22        0.34198                      565710.46    4191754.22
0.37317
         566130.46    4191754.22       11.15445                      566150.46    4191754.22
10.10115
         566170.46    4191754.22        8.84895                      566190.46    4191754.22
8.35369
         565570.46    4191774.22        0.21585                      565590.46    4191774.22
0.23214
         565610.46    4191774.22        0.25043                      565630.46    4191774.22
0.27005
         565650.46    4191774.22        0.29347                      565670.46    4191774.22
0.31981
         565690.46    4191774.22        0.34874                      565710.46    4191774.22
0.38085
         566170.46    4191774.22       19.79227                      566190.46    4191774.22
19.20979
         565570.46    4191794.22        0.21796                      565590.46    4191794.22
0.23426
         565610.46    4191794.22        0.25281                      565630.46    4191794.22
0.27315
         565650.46    4191794.22        0.29747                      565670.46    4191794.22
0.32497
         565690.46    4191794.22        0.35516                      565710.46    4191794.22
0.38837
         565570.46    4191814.22        0.21965                      565590.46    4191814.22
0.23636
         565610.46    4191814.22        0.25533                      565630.46    4191814.22
0.27581
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*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                              *** THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: SLINE1   ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002    , L0000003    ,
L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010    , L0000011    ,
L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018    , L0000019    ,
L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026    , L0000027    ,
L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **
```

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565650.46	4191814.22	0.30101	565670.46	4191814.22	0.32937
565690.46	4191814.22	0.36026	565710.46	4191814.22	0.39414
565570.46	4191834.22	0.22106	565590.46	4191834.22	0.23815
565610.46	4191834.22	0.25740	565630.46	4191834.22	0.27819
565650.46	4191834.22	0.30353	565670.46	4191834.22	0.33209
565690.46	4191834.22	0.36356	565710.46	4191834.22	0.39846
565570.46	4191854.22	0.22221	565590.46	4191854.22	0.23965
565610.46	4191854.22	0.25905	565630.46	4191854.22	0.28028
565650.46	4191854.22	0.30507	565670.46	4191854.22	0.33322
565690.46	4191854.22	0.36509	565710.46	4191854.22	0.40125
565570.46	4191874.22	0.22320	565590.46	4191874.22	0.24088
565610.46	4191874.22	0.26037	565630.46	4191874.22	0.28219
565650.46	4191874.22	0.30732	565670.46	4191874.22	0.33587
565690.46	4191874.22	0.36826	565710.46	4191874.22	0.40505
565570.46	4191894.22	0.22433	565590.46	4191894.22	0.24220
565610.46	4191894.22	0.26194	565630.46	4191894.22	0.28426
565650.46	4191894.22	0.30959	565670.46	4191894.22	0.33845
565690.46	4191894.22	0.37118	565710.46	4191894.22	0.40824
565570.46	4191914.22	0.22561	565590.46	4191914.22	0.24367
565610.46	4191914.22	0.26384	565630.46	4191914.22	0.28657
565650.46	4191914.22	0.31194	565670.46	4191914.22	0.34103
565690.46	4191914.22	0.37390	565710.46	4191914.22	0.41074
565570.46	4191934.22	0.22803	565590.46	4191934.22	0.24639
565610.46	4191934.22	0.26677	565630.46	4191934.22	0.28935
565650.46	4191934.22	0.31442	565670.46	4191934.22	0.34295
565690.46	4191934.22	0.37531	565710.46	4191934.22	0.41206
565570.46	4191954.22	0.23067	565590.46	4191954.22	0.24932
565610.46	4191954.22	0.26991	565630.46	4191954.22	0.29222
565650.46	4191954.22	0.31702	565670.46	4191954.22	

0.34494
565690.46 4191954.22 0.37680 565710.46 4191954.22
0.41359
565570.46 4191974.22 0.23358 565590.46 4191974.22
0.25248
565610.46 4191974.22 0.27329 565630.46 4191974.22
0.29535
565650.46 4191974.22 0.32004 565670.46 4191974.22
0.34748
565690.46 4191974.22 0.37900 565710.46 4191974.22
0.41623
565570.46 4191994.22 0.23570 565590.46 4191994.22
0.25488
565610.46 4191994.22 0.27617 565630.46 4191994.22
0.29905
565650.46 4191994.22 0.32380 565670.46 4191994.22
0.35155
565690.46 4191994.22 0.38342 565710.46 4191994.22
0.42074
565570.46 4192014.22 0.23704 565590.46 4192014.22
0.25617
565610.46 4192014.22 0.27804 565630.46 4192014.22
0.30226

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE1 ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565650.46	4192014.22	0.32700	565670.46	4192014.22	0.35484
565690.46	4192014.22	0.38686	565710.46	4192014.22	0.42431
565570.46	4192034.22	0.23720	565590.46	4192034.22	0.25565
565610.46	4192034.22	0.27828	565630.46	4192034.22	0.30457
565650.46	4192034.22	0.32910	565670.46	4192034.22	0.35620

565690.46	4192034.22	0.38781	565710.46	4192034.22	0.42570
565570.46	4192054.22	0.23784	565590.46	4192054.22	0.25604
565610.46	4192054.22	0.27848	565630.46	4192054.22	0.30472
565650.46	4192054.22	0.32942	565670.46	4192054.22	0.35681
565690.46	4192054.22	0.38881	565570.46	4192074.22	0.23887
565590.46	4192074.22	0.25705	565610.46	4192074.22	0.27872
565630.46	4192074.22	0.30373	565650.46	4192074.22	0.32849
565670.46	4192074.22	0.35612	565690.46	4192074.22	0.38778
565570.46	4192094.22	0.24098	565590.46	4192094.22	0.25941
565610.46	4192094.22	0.27954	565630.46	4192094.22	0.30190
565650.46	4192094.22	0.32646	565570.46	4192114.22	0.24054
565590.46	4192114.22	0.25881	565610.46	4192114.22	0.27826
565630.46	4192114.22	0.29960	565650.46	4192114.22	0.32364
565570.46	4192134.22	0.23893	565590.46	4192134.22	0.25692
565610.46	4192134.22	0.27599	565630.46	4192134.22	0.29685
565570.46	4192154.22	0.23674	565590.46	4192154.22	0.25456
565610.46	4192154.22	0.27346	565630.46	4192154.22	0.29379
565570.46	4192174.22	0.23524	565590.46	4192174.22	0.25249
565610.46	4192174.22	0.27069	565630.46	4192174.22	0.28630
565690.46	4192174.22	0.44051	565710.46	4192174.22	0.44947
565730.46	4192174.22	0.45949	565750.46	4192174.22	0.47631
565770.46	4192174.22	0.48517	565790.46	4192174.22	0.48322
565810.46	4192174.22	0.48911	565570.46	4192194.22	0.23381
565590.46	4192194.22	0.25013	565610.46	4192194.22	0.26483
565630.46	4192194.22	0.34817	565650.46	4192194.22	0.38966
565670.46	4192194.22	0.40471	565690.46	4192194.22	0.40833
565710.46	4192194.22	0.41159	565730.46	4192194.22	0.42176
565750.46	4192194.22	0.43517	565770.46	4192194.22	0.45469
565790.46	4192194.22	0.46768	565810.46	4192194.22	0.47690
565570.46	4192214.22	0.23211	565590.46	4192214.22	0.24545
565610.46	4192214.22	0.32183	565630.46	4192214.22	

0.36177
565650.46 4192214.22 0.37125 565670.46 4192214.22
0.37082
565690.46 4192214.22 0.37192 565710.46 4192214.22
0.37674
565730.46 4192214.22 0.38334 565750.46 4192214.22
0.39468
565770.46 4192214.22 0.41244 565790.46 4192214.22
0.43151

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE1 ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565810.46	4192214.22	0.44820	565570.46	4192234.22	0.22822
565590.46	4192234.22	0.28467	565610.46	4192234.22	0.33745
565630.46	4192234.22	0.34685	565650.46	4192234.22	0.34318
565670.46	4192234.22	0.34075	565690.46	4192234.22	0.34408
565710.46	4192234.22	0.34983	565730.46	4192234.22	0.35640
565750.46	4192234.22	0.36722	565770.46	4192234.22	0.38201
565790.46	4192234.22	0.39964	565810.46	4192234.22	0.41736
566610.64	4191596.95	0.97204	566594.96	4191572.56	0.91453
566676.84	4191551.66	0.79095	566582.76	4191498.52	0.74135
566607.15	4191478.49	0.68984	566639.38	4191459.32	0.61013
566587.99	4191437.55	0.54566	566635.90	4191431.45	0.51393
566616.73	4191406.19	0.43579	566600.18	4191377.44	0.35946

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        566633.29    4191315.60        0.25719                      566669.00    4191327.79
0.27825
        566868.47    4191523.78        0.49404                      566871.96    4191416.64
0.37831
        566934.68    4191400.96        0.33641

↑ *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 230
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                              *** THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002    , L0000003    ,
L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010    , L0000011    ,
L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018    , L0000019    ,
L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026    , L0000027    ,
L0000028    ,  . . .      ,

                                           *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)   Y-COORD (M)
CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
        565570.46    4191234.22        0.24529                      565590.46    4191234.22
0.25075
        565610.46    4191234.22        0.25615                      565630.46    4191234.22
0.26124
        565650.46    4191234.22        0.26616                      565670.46    4191234.22
0.27089
        565690.46    4191234.22        0.27540                      565710.46    4191234.22
0.27966
        565730.46    4191234.22        0.28363                      565750.46    4191234.22
0.28725
        565770.46    4191234.22        0.29060                      565790.46    4191234.22
0.29358
        565810.46    4191234.22        0.29590                      565830.46    4191234.22
0.29769
        565850.46    4191234.22        0.29953                      565870.46    4191234.22
0.30121
        565890.46    4191234.22        0.30253                      565910.46    4191234.22
0.30345
        565930.46    4191234.22        0.30430                      565950.46    4191234.22
0.30571
        565970.46    4191234.22        0.30737                      565990.46    4191234.22
0.30947
        566010.46    4191234.22        0.31231                      566030.46    4191234.22
0.31619
        566050.46    4191234.22        0.32138                      566070.46    4191234.22
0.32710
        566090.46    4191234.22        0.33339                      566110.46    4191234.22
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0.34046
         566130.46    4191234.22        0.34846                      566150.46    4191234.22
0.35734
         566170.46    4191234.22        0.36755                      566190.46    4191234.22
0.37794
         566210.46    4191234.22        0.38803                      566230.46    4191234.22
0.39728
         566250.46    4191234.22        0.39966                      566270.46    4191234.22
0.37638
         566290.46    4191234.22        0.36166                      566310.46    4191234.22
0.34133
         566330.46    4191234.22        0.31509                      566350.46    4191234.22
0.29600
         566370.46    4191234.22        0.28540                      566390.46    4191234.22
0.27811
         566410.46    4191234.22        0.27233                      566430.46    4191234.22
0.26891
         566450.46    4191234.22        0.26812                      566470.46    4191234.22
0.26948
         566490.46    4191234.22        0.27460                      566510.46    4191234.22
0.28354
         566530.46    4191234.22        0.29364                      566550.46    4191234.22
0.30478
         566570.46    4191234.22        0.31660                      565570.46    4191254.22
0.25486
         565590.46    4191254.22        0.26112                      565610.46    4191254.22
0.26710
         565630.46    4191254.22        0.27285                      565650.46    4191254.22
0.27847
         565670.46    4191254.22        0.28395                      565690.46    4191254.22
0.28920
         565710.46    4191254.22        0.29417                      565730.46    4191254.22
0.29884
         565750.46    4191254.22        0.30318                      565770.46    4191254.22
0.30721
         565790.46    4191254.22        0.31086                      565810.46    4191254.22
0.31390
         565830.46    4191254.22        0.31650                      565850.46    4191254.22
0.31888
         565870.46    4191254.22        0.32108                      565890.46    4191254.22
0.32293
         565910.46    4191254.22        0.32429                      565930.46    4191254.22
0.32548
         565950.46    4191254.22        0.32699                      565970.46    4191254.22
0.32873
         565990.46    4191254.22        0.33087                      566010.46    4191254.22
0.33378
         566030.46    4191254.22        0.33795                      566050.46    4191254.22
0.34394
         566070.46    4191254.22        0.35044                      566090.46    4191254.22
0.35742
         566110.46    4191254.22        0.36524                      566130.46    4191254.22
0.37418
 *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 231
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN
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*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
566150.46	4191254.22	0.38420	566170.46	4191254.22	0.39499
566190.46	4191254.22	0.40575	566210.46	4191254.22	0.41638
566230.46	4191254.22	0.42630	566250.46	4191254.22	0.42218
566270.46	4191254.22	0.39302	566290.46	4191254.22	0.37822
566310.46	4191254.22	0.35448	566330.46	4191254.22	0.32891
566350.46	4191254.22	0.31275	566370.46	4191254.22	0.30339
566390.46	4191254.22	0.29508	566410.46	4191254.22	0.28831
566430.46	4191254.22	0.28487	566450.46	4191254.22	0.28496
566470.46	4191254.22	0.28760	566490.46	4191254.22	0.29412
566510.46	4191254.22	0.30352	566530.46	4191254.22	0.31420
566550.46	4191254.22	0.32609	566570.46	4191254.22	0.33851
565570.46	4191274.22	0.26465	565590.46	4191274.22	0.27175
565610.46	4191274.22	0.27842	565630.46	4191274.22	0.28493
565650.46	4191274.22	0.29138	565670.46	4191274.22	0.29771
565690.46	4191274.22	0.30377	565710.46	4191274.22	0.30952
565730.46	4191274.22	0.31502	565750.46	4191274.22	0.32018
565770.46	4191274.22	0.32500	565790.46	4191274.22	0.32940
565810.46	4191274.22	0.33333	565830.46	4191274.22	0.33699
565850.46	4191274.22	0.34001	565870.46	4191274.22	0.34289
565890.46	4191274.22	0.34540	565910.46	4191274.22	0.34736
565930.46	4191274.22	0.34901	565950.46	4191274.22	

0.35071
565970.46 4191274.22 0.35256 565990.46 4191274.22
0.35466
566010.46 4191274.22 0.35745 566030.46 4191274.22
0.36168
566050.46 4191274.22 0.36848 566070.46 4191274.22
0.37585
566090.46 4191274.22 0.38370 566110.46 4191274.22
0.39250
566130.46 4191274.22 0.40264 566150.46 4191274.22
0.41405
566170.46 4191274.22 0.42530 566190.46 4191274.22
0.43637
566210.46 4191274.22 0.44771 566230.46 4191274.22
0.45843
566250.46 4191274.22 0.44179 566270.46 4191274.22
0.41303
566290.46 4191274.22 0.39864 566310.46 4191274.22
0.37490
566330.46 4191274.22 0.35025 566350.46 4191274.22
0.33513
566370.46 4191274.22 0.32667 566390.46 4191274.22
0.31767
566410.46 4191274.22 0.31056 566430.46 4191274.22
0.30770
566450.46 4191274.22 0.30945 566470.46 4191274.22
0.31469
566490.46 4191274.22 0.32298 566510.46 4191274.22
0.33251
566530.46 4191274.22 0.34242 566550.46 4191274.22
0.35348
566570.46 4191274.22 0.36590 565570.46 4191294.22
0.27466
565590.46 4191294.22 0.28262 565610.46 4191294.22
0.29012
565630.46 4191294.22 0.29758 565650.46 4191294.22
0.30502
565670.46 4191294.22 0.31232 565690.46 4191294.22
0.31932

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565710.46	4191294.22	0.32598	565730.46	4191294.22	0.33249
565750.46	4191294.22	0.33858	565770.46	4191294.22	0.34425
565790.46	4191294.22	0.34954	565810.46	4191294.22	0.35449
565830.46	4191294.22	0.35926	565850.46	4191294.22	0.36322
565870.46	4191294.22	0.36701	565890.46	4191294.22	0.37037
565910.46	4191294.22	0.37308	565930.46	4191294.22	0.37567
565950.46	4191294.22	0.37798	565970.46	4191294.22	0.37988
565990.46	4191294.22	0.38182	566010.46	4191294.22	0.38437
566030.46	4191294.22	0.38831	566050.46	4191294.22	0.39492
566070.46	4191294.22	0.40301	566090.46	4191294.22	0.41194
566110.46	4191294.22	0.42210	566130.46	4191294.22	0.43383
566150.46	4191294.22	0.44684	566170.46	4191294.22	0.45890
566190.46	4191294.22	0.47062	566210.46	4191294.22	0.48281
566230.46	4191294.22	0.49416	566250.46	4191294.22	0.47599
566270.46	4191294.22	0.44296	566290.46	4191294.22	0.42671
566310.46	4191294.22	0.40462	566330.46	4191294.22	0.38217
566350.46	4191294.22	0.36691	566370.46	4191294.22	0.35817
566390.46	4191294.22	0.34963	566410.46	4191294.22	0.34394
566430.46	4191294.22	0.34235	566450.46	4191294.22	0.34502
566470.46	4191294.22	0.35125	566490.46	4191294.22	0.36134
566510.46	4191294.22	0.37124	566530.46	4191294.22	0.38226
566550.46	4191294.22	0.39525	566570.46	4191294.22	0.40970
565570.46	4191314.22	0.28465	565590.46	4191314.22	0.29349
565610.46	4191314.22	0.30215	565630.46	4191314.22	0.31079
565650.46	4191314.22	0.31933	565670.46	4191314.22	0.32765
565690.46	4191314.22	0.33568	565710.46	4191314.22	0.34344
565730.46	4191314.22	0.35114	565750.46	4191314.22	0.35835
565770.46	4191314.22	0.36514	565790.46	4191314.22	

0.37155
565810.46 4191314.22 0.37753 565830.46 4191314.22
0.38339
565850.46 4191314.22 0.38866 565870.46 4191314.22
0.39352
565890.46 4191314.22 0.39779 565910.46 4191314.22
0.40153
565930.46 4191314.22 0.40531 565950.46 4191314.22
0.40827
565970.46 4191314.22 0.41055 565990.46 4191314.22
0.41269
566010.46 4191314.22 0.41533 566030.46 4191314.22
0.41916
566050.46 4191314.22 0.42506 566070.46 4191314.22
0.43361
566090.46 4191314.22 0.44373 566110.46 4191314.22
0.45528
566130.46 4191314.22 0.46837 566150.46 4191314.22
0.48304
566170.46 4191314.22 0.49649 566190.46 4191314.22
0.50930
566210.46 4191314.22 0.52249 566230.46 4191314.22
0.53384
566250.46 4191314.22 0.51460 566270.46 4191314.22
0.48090

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
566290.46	4191314.22	0.46482	566310.46	4191314.22	0.44490
566330.46	4191314.22	0.42426	566350.46	4191314.22	0.40836
566370.46	4191314.22	0.39858	566390.46	4191314.22	0.39024
566410.46	4191314.22	0.38594	566430.46	4191314.22	0.38480

566450.46 4191314.22 0.38701 566470.46 4191314.22 0.39303
566490.46 4191314.22 0.40513 566510.46 4191314.22 0.41678
566530.46 4191314.22 0.43037 566550.46 4191314.22 0.44618
566570.46 4191314.22 0.46270 565570.46 4191334.22 0.29460
565590.46 4191334.22 0.30437 565610.46 4191334.22 0.31429
565630.46 4191334.22 0.32426 565650.46 4191334.22 0.33402
565670.46 4191334.22 0.34351 565690.46 4191334.22 0.35275
565710.46 4191334.22 0.36182 565730.46 4191334.22 0.37090
565750.46 4191334.22 0.37943 565770.46 4191334.22 0.38760
565790.46 4191334.22 0.39534 565810.46 4191334.22 0.40253
565830.46 4191334.22 0.40954 565850.46 4191334.22 0.41649
565870.46 4191334.22 0.42266 565890.46 4191334.22 0.42804
565910.46 4191334.22 0.43304 565930.46 4191334.22 0.43831
565950.46 4191334.22 0.44205 565970.46 4191334.22 0.44502
565990.46 4191334.22 0.44778 566010.46 4191334.22 0.45085
566030.46 4191334.22 0.45477 566050.46 4191334.22 0.45952
566070.46 4191334.22 0.46819 566090.46 4191334.22 0.47964
566110.46 4191334.22 0.49264 566130.46 4191334.22 0.50682
566150.46 4191334.22 0.52323 566170.46 4191334.22 0.53880
566190.46 4191334.22 0.55312 566210.46 4191334.22 0.56747
566230.46 4191334.22 0.57645 566250.46 4191334.22 0.55909
566270.46 4191334.22 0.52951 566290.46 4191334.22 0.51602
566310.46 4191334.22 0.49957 566330.46 4191334.22 0.48213
566350.46 4191334.22 0.46648 566370.46 4191334.22 0.45494
566390.46 4191334.22 0.44490 566410.46 4191334.22 0.44047
566430.46 4191334.22 0.43721 566450.46 4191334.22 0.43578
566470.46 4191334.22 0.43897 566490.46 4191334.22 0.45293
566510.46 4191334.22 0.46915 566530.46 4191334.22 0.48779
566550.46 4191334.22 0.50713 566570.46 4191334.22 0.52475
565570.46 4191354.22 0.30440 565590.46 4191354.22 0.31518
565610.46 4191354.22 0.32613 565630.46 4191354.22

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0.33738
         565650.46    4191354.22        0.34856                      565670.46    4191354.22
0.35950
         565690.46    4191354.22        0.37028                      565710.46    4191354.22
0.38108
         565730.46    4191354.22        0.39170                      565750.46    4191354.22
0.40176
         565770.46    4191354.22        0.41154                      565790.46    4191354.22
0.42091
         565810.46    4191354.22        0.42961                      565830.46    4191354.22
0.43808
 *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***       07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***       10:56:55

                PAGE 234
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                              *** THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002    , L0000003    ,
L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010    , L0000011    ,
L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018    , L0000019    ,
L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026    , L0000027    ,
L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)   Y-COORD (M)
CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - -
         565850.46    4191354.22        0.44674                      565870.46    4191354.22
0.45489
         565890.46    4191354.22        0.46193                      565910.46    4191354.22
0.46805
         565930.46    4191354.22        0.47448                      565950.46    4191354.22
0.47964
         565970.46    4191354.22        0.48388                      565990.46    4191354.22
0.48771
         566010.46    4191354.22        0.49172                      566030.46    4191354.22
0.49644
         566050.46    4191354.22        0.50245                      566070.46    4191354.22
0.51024
         566090.46    4191354.22        0.52169                      566110.46    4191354.22
0.53663
         566130.46    4191354.22        0.55344                      566150.46    4191354.22
0.56988
         566170.46    4191354.22        0.58470                      566190.46    4191354.22
0.60150
         566210.46    4191354.22        0.61838                      566230.46    4191354.22
0.61873
         566250.46    4191354.22        0.60152                      566270.46    4191354.22
0.58093
```

566290.46 4191354.22 0.57350 566310.46 4191354.22
0.56177
566330.46 4191354.22 0.54419 566350.46 4191354.22
0.52538
566370.46 4191354.22 0.51187 566390.46 4191354.22
0.50138
566410.46 4191354.22 0.49528 566430.46 4191354.22
0.49105
566450.46 4191354.22 0.48954 566470.46 4191354.22
0.49419
566490.46 4191354.22 0.51152 566510.46 4191354.22
0.53332
566530.46 4191354.22 0.55658 566550.46 4191354.22
0.57805
566570.46 4191354.22 0.59530 565570.46 4191374.22
0.31417
565590.46 4191374.22 0.32602 565610.46 4191374.22
0.33805
565630.46 4191374.22 0.35055 565650.46 4191374.22
0.36323
565670.46 4191374.22 0.37590 565690.46 4191374.22
0.38851
565710.46 4191374.22 0.40109 565730.46 4191374.22
0.41342
565750.46 4191374.22 0.42532 565770.46 4191374.22
0.43698
565790.46 4191374.22 0.44823 565810.46 4191374.22
0.45886
565830.46 4191374.22 0.46917 565850.46 4191374.22
0.47990
565870.46 4191374.22 0.49020 565890.46 4191374.22
0.49922
565910.46 4191374.22 0.50696 565930.46 4191374.22
0.51506
565950.46 4191374.22 0.52206 565970.46 4191374.22
0.52792
565990.46 4191374.22 0.53345 566010.46 4191374.22
0.53901
566030.46 4191374.22 0.54493 566050.46 4191374.22
0.55243
566070.46 4191374.22 0.56105 566090.46 4191374.22
0.57475
566110.46 4191374.22 0.59277 566130.46 4191374.22
0.61146
566150.46 4191374.22 0.62723 566170.46 4191374.22
0.64071
566190.46 4191374.22 0.65754 566210.46 4191374.22
0.67633
566230.46 4191374.22 0.67096 566250.46 4191374.22
0.64917
566270.46 4191374.22 0.63732 566290.46 4191374.22
0.63473
566310.46 4191374.22 0.62766 566330.46 4191374.22
0.61156
566350.46 4191374.22 0.59215 566370.46 4191374.22
0.57870
566390.46 4191374.22 0.56924 566410.46 4191374.22
0.56300

*** AERMOD - VERSION 21112 *** *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
*** 07/15/22
*** AERMET - VERSION 14134 *** *** UCB LFF Construction HRA

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
566430.46	4191374.22	0.55933	566450.46	4191374.22	0.55902
566470.46	4191374.22	0.56575	566490.46	4191374.22	0.58658
566510.46	4191374.22	0.61364	566530.46	4191374.22	0.64038
566550.46	4191374.22	0.66273	566570.46	4191374.22	0.67898
565570.46	4191394.22	0.32383	565590.46	4191394.22	0.33677
565610.46	4191394.22	0.34999	565630.46	4191394.22	0.36378
565650.46	4191394.22	0.37802	565670.46	4191394.22	0.39263
565690.46	4191394.22	0.40731	565710.46	4191394.22	0.42178
565730.46	4191394.22	0.43599	565750.46	4191394.22	0.45011
565770.46	4191394.22	0.46388	565790.46	4191394.22	0.47732
565810.46	4191394.22	0.49038	565830.46	4191394.22	0.50296
565850.46	4191394.22	0.51613	565870.46	4191394.22	0.52891
565890.46	4191394.22	0.54028	565910.46	4191394.22	0.55030
565930.46	4191394.22	0.56064	565950.46	4191394.22	0.57001
565970.46	4191394.22	0.57797	565990.46	4191394.22	0.58598
566010.46	4191394.22	0.59398	566030.46	4191394.22	0.60164
566050.46	4191394.22	0.61097	566070.46	4191394.22	0.62280
566090.46	4191394.22	0.64147	566110.46	4191394.22	0.66223

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        566130.46    4191394.22        0.67940                      566150.46    4191394.22
0.69221
        566170.46    4191394.22        0.70740                      566190.46    4191394.22
0.72288
        566210.46    4191394.22        0.74281                      566230.46    4191394.22
0.73969
        566250.46    4191394.22        0.70753                      566270.46    4191394.22
0.69790
        566290.46    4191394.22        0.69724                      566310.46    4191394.22
0.69350
        566330.46    4191394.22        0.68204                      566350.46    4191394.22
0.66758
        566370.46    4191394.22        0.65855                      566390.46    4191394.22
0.65367
        566410.46    4191394.22        0.65489                      566430.46    4191394.22
0.65567
        566450.46    4191394.22        0.65834                      566470.46    4191394.22
0.66617
        566490.46    4191394.22        0.68916                      566510.46    4191394.22
0.71791
        566530.46    4191394.22        0.74412                      566550.46    4191394.22
0.76521
        566570.46    4191394.22        0.78164                      565570.46    4191414.22
0.33337
        565590.46    4191414.22        0.34741                      565610.46    4191414.22
0.36201
        565630.46    4191414.22        0.37728                      565650.46    4191414.22
0.39322
        565670.46    4191414.22        0.40976                      565690.46    4191414.22
0.42654
        565710.46    4191414.22        0.44318                      565730.46    4191414.22
0.45963
        565750.46    4191414.22        0.47619                      565770.46    4191414.22
0.49234
        565790.46    4191414.22        0.50816                      565810.46    4191414.22
0.52394
        565830.46    4191414.22        0.53986                      565850.46    4191414.22
0.55551
        565870.46    4191414.22        0.57110                      565890.46    4191414.22
0.58544
        565910.46    4191414.22        0.59833                      565930.46    4191414.22
0.61129
        565950.46    4191414.22        0.62377                      565970.46    4191414.22
0.63429
*** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

               PAGE 236
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                            *** THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: ALL      ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002    , L0000003    ,
L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010    , L0000011    ,
L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018    , L0000019    ,
L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026    , L0000027    ,
```

L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565990.46	4191414.22	0.64508	566010.46	4191414.22	0.65651
566030.46	4191414.22	0.66827	566050.46	4191414.22	0.68149
566070.46	4191414.22	0.69875	566090.46	4191414.22	0.71854
566110.46	4191414.22	0.73549	566130.46	4191414.22	0.71901
566150.46	4191414.22	0.67316	566170.46	4191414.22	0.69726
566190.46	4191414.22	0.75970	566210.46	4191414.22	0.78797
566230.46	4191414.22	0.79211	566250.46	4191414.22	0.76870
566270.46	4191414.22	0.76426	566290.46	4191414.22	0.76542
566310.46	4191414.22	0.76581	566330.46	4191414.22	0.75784
566350.46	4191414.22	0.74296	566370.46	4191414.22	0.72951
566390.46	4191414.22	0.73196	566410.46	4191414.22	0.74219
566430.46	4191414.22	0.75543	566450.46	4191414.22	0.76965
566470.46	4191414.22	0.78399	566490.46	4191414.22	0.80819
566510.46	4191414.22	0.83788	566530.46	4191414.22	0.86790
566550.46	4191414.22	0.89278	566570.46	4191414.22	0.91132
565570.46	4191434.22	0.34257	565590.46	4191434.22	0.35779
565610.46	4191434.22	0.37392	565630.46	4191434.22	0.39079
565650.46	4191434.22	0.40853	565670.46	4191434.22	0.42701
565690.46	4191434.22	0.44597	565710.46	4191434.22	0.46494
565730.46	4191434.22	0.48391	565750.46	4191434.22	0.50315
565770.46	4191434.22	0.52208	565790.46	4191434.22	0.54083
565810.46	4191434.22	0.55987	565830.46	4191434.22	0.57915
565850.46	4191434.22	0.59814	565870.46	4191434.22	0.61741
565890.46	4191434.22	0.63536	565910.46	4191434.22	0.65169
565930.46	4191434.22	0.66823	565950.46	4191434.22	0.68446

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        565970.46    4191434.22        0.69852                      565990.46    4191434.22
0.71337
        566010.46    4191434.22        0.72963                      566030.46    4191434.22
0.74686
        566050.46    4191434.22        0.76483                      566070.46    4191434.22
0.78438
        566090.46    4191434.22        0.80081                      566110.46    4191434.22
0.76696
        566130.46    4191434.22        0.66915                      566150.46    4191434.22
0.63858
        566170.46    4191434.22        0.64877                      566190.46    4191434.22
0.69325
        566210.46    4191434.22        0.74759                      566230.46    4191434.22
0.79047
        566250.46    4191434.22        0.81039                      566270.46    4191434.22
0.81112
        566290.46    4191434.22        0.81408                      566310.46    4191434.22
0.82006
        566330.46    4191434.22        0.82063                      566350.46    4191434.22
0.81145
        566370.46    4191434.22        0.79833                      566390.46    4191434.22
0.81118
        566410.46    4191434.22        0.83118                      566430.46    4191434.22
0.85968
        566450.46    4191434.22        0.89001                      566470.46    4191434.22
0.91600
        566490.46    4191434.22        0.94249                      566510.46    4191434.22
0.97263
        566530.46    4191434.22        1.00857                      566550.46    4191434.22
1.04056
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     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 237
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                            *** THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: ALL      ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002    , L0000003    ,
L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010    , L0000011    ,
L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018    , L0000019    ,
L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026    , L0000027    ,
L0000028    ,  . . .      ,

                                         *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD (M)
CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
        566570.46    4191434.22        1.06367                      565570.46    4191454.22
0.35143
        565590.46    4191454.22        0.36789                      565610.46    4191454.22
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0.38560					
	565630.46	4191454.22	0.40417	565650.46	4191454.22
0.42375					
	565670.46	4191454.22	0.44426	565690.46	4191454.22
0.46548					
	565710.46	4191454.22	0.48690	565730.46	4191454.22
0.50862					
	565750.46	4191454.22	0.53086	565770.46	4191454.22
0.55298					
	565790.46	4191454.22	0.57529	565810.46	4191454.22
0.59816					
	565830.46	4191454.22	0.62077	565850.46	4191454.22
0.64411					
	565870.46	4191454.22	0.66814	565890.46	4191454.22
0.69052					
	565910.46	4191454.22	0.71097	565930.46	4191454.22
0.73231					
	565950.46	4191454.22	0.75307	565970.46	4191454.22
0.77195					
	565990.46	4191454.22	0.79265	566010.46	4191454.22
0.81570					
	566030.46	4191454.22	0.83961	566050.46	4191454.22
0.86154					
	566070.46	4191454.22	0.87741	566090.46	4191454.22
0.83930					
	566110.46	4191454.22	0.72443	566130.46	4191454.22
0.66325					
	566150.46	4191454.22	0.62853	566170.46	4191454.22
0.62554					
	566190.46	4191454.22	0.65174	566210.46	4191454.22
0.69409					
	566230.46	4191454.22	0.74518	566250.46	4191454.22
0.79048					
	566270.46	4191454.22	0.79031	566290.46	4191454.22
0.79576					
	566310.46	4191454.22	0.81606	566330.46	4191454.22
0.83925					
	566350.46	4191454.22	0.85415	566370.46	4191454.22
0.85870					
	566390.46	4191454.22	0.88315	566410.46	4191454.22
0.91167					
	566430.46	4191454.22	0.94732	566450.46	4191454.22
0.98905					
	566470.46	4191454.22	1.03267	566490.46	4191454.22
1.06909					
	566510.46	4191454.22	1.10115	566530.46	4191454.22
1.14305					
	566550.46	4191454.22	1.18567	566570.46	4191454.22
1.22029					
	565570.46	4191474.22	0.36007	565590.46	4191474.22
0.37774					
	565610.46	4191474.22	0.39700	565630.46	4191474.22
0.41725					
	565650.46	4191474.22	0.43867	565670.46	4191474.22
0.46109					
	565690.46	4191474.22	0.48435	565710.46	4191474.22
0.50853					
	565730.46	4191474.22	0.53346	565750.46	4191474.22
0.55908					
	565770.46	4191474.22	0.58503	565790.46	4191474.22
0.61163					

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        565810.46    4191474.22        0.63916                      565830.46    4191474.22
0.66594
        565850.46    4191474.22        0.69502                      565870.46    4191474.22
0.72405
        565890.46    4191474.22        0.75074                      565910.46    4191474.22
0.77572
        565930.46    4191474.22        0.80286                      565950.46    4191474.22
0.83058
        565970.46    4191474.22        0.85655                      565990.46    4191474.22
0.88611
        566010.46    4191474.22        0.91665                      566030.46    4191474.22
0.94341
        566050.46    4191474.22        0.96481                      566070.46    4191474.22
0.94367
        566090.46    4191474.22        0.81968                      566110.46    4191474.22
0.73533
↑ *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***       07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
    ***       10:56:55

               PAGE 238
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                            *** THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: ALL      ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002    , L0000003    ,
L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010    , L0000011    ,
L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018    , L0000019    ,
L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026    , L0000027    ,
L0000028    ,  . . .      ,

                                         *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD (M)
CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
        566130.46    4191474.22        0.67392                      566150.46    4191474.22
0.63757
        566170.46    4191474.22        0.63009                      566190.46    4191474.22
0.64843
        566210.46    4191474.22        0.68043                      566230.46    4191474.22
0.72419
        566250.46    4191474.22        0.77105                      566270.46    4191474.22
0.78442
        566290.46    4191474.22        0.79777                      566310.46    4191474.22
0.82811
        566330.46    4191474.22        0.87029                      566350.46    4191474.22
0.91459
        566370.46    4191474.22        0.94651                      566390.46    4191474.22
0.97151
        566410.46    4191474.22        0.99766                      566430.46    4191474.22
1.03429
        566450.46    4191474.22        1.08290                      566470.46    4191474.22
```

1.13885
566490.46 4191474.22 1.18609 566510.46 4191474.22
1.21959
566530.46 4191474.22 1.26454 566550.46 4191474.22
1.31399
566570.46 4191474.22 1.35836 565570.46 4191494.22
0.36847
565590.46 4191494.22 0.38742 565610.46 4191494.22
0.40816
565630.46 4191494.22 0.42992 565650.46 4191494.22
0.45317
565670.46 4191494.22 0.47764 565690.46 4191494.22
0.50321
565710.46 4191494.22 0.53032 565730.46 4191494.22
0.55864
565750.46 4191494.22 0.58788 565770.46 4191494.22
0.61796
565790.46 4191494.22 0.64934 565810.46 4191494.22
0.68215
565830.46 4191494.22 0.71397 565850.46 4191494.22
0.74957
565870.46 4191494.22 0.78438 565890.46 4191494.22
0.81686
565910.46 4191494.22 0.84845 565930.46 4191494.22
0.88341
565950.46 4191494.22 0.91930 565970.46 4191494.22
0.95456
565990.46 4191494.22 0.99404 566010.46 4191494.22
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566070.46 4191494.22 0.97400 566090.46 4191494.22
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566110.46 4191494.22 0.75353 566130.46 4191494.22
0.68657
566150.46 4191494.22 0.65441 566170.46 4191494.22
0.65007
566190.46 4191494.22 0.66857 566210.46 4191494.22
0.69832
566230.46 4191494.22 0.73896 566250.46 4191494.22
0.78530
566270.46 4191494.22 0.81192 566290.46 4191494.22
0.82723
566310.46 4191494.22 0.86010 566330.46 4191494.22
0.91401
566350.46 4191494.22 0.98273 566370.46 4191494.22
1.04620
566390.46 4191494.22 1.07330 566410.46 4191494.22
1.09504
566430.46 4191494.22 1.12857 566450.46 4191494.22
1.17874
566470.46 4191494.22 1.24144 566490.46 4191494.22
1.29892
566510.46 4191494.22 1.33400 566530.46 4191494.22
1.37804
566550.46 4191494.22 1.42933 566570.46 4191494.22
1.48015
565570.46 4191514.22 0.37666 565590.46 4191514.22
0.39699
565610.46 4191514.22 0.41904 565630.46 4191514.22
0.44211

565650.46 4191514.22 0.46715 565670.46 4191514.22
0.49377

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565690.46	4191514.22	0.52196	565710.46	4191514.22	0.55222
565730.46	4191514.22	0.58401	565750.46	4191514.22	0.61704
565770.46	4191514.22	0.65153	565790.46	4191514.22	0.68814
565810.46	4191514.22	0.72677	565830.46	4191514.22	0.76470
565850.46	4191514.22	0.80732	565870.46	4191514.22	0.84886
565890.46	4191514.22	0.88943	565910.46	4191514.22	0.93104
565930.46	4191514.22	0.97684	565950.46	4191514.22	1.02158
565970.46	4191514.22	1.06898	565990.46	4191514.22	1.11777
566010.46	4191514.22	1.16079	566030.46	4191514.22	1.19401
566050.46	4191514.22	1.18827	566070.46	4191514.22	1.02285
566090.46	4191514.22	0.88665	566110.46	4191514.22	0.77196
566130.46	4191514.22	0.70216	566150.46	4191514.22	0.67584
566170.46	4191514.22	0.68267	566190.46	4191514.22	0.70432
566210.46	4191514.22	0.73185	566230.46	4191514.22	0.76787
566250.46	4191514.22	0.81122	566270.46	4191514.22	0.84856
566290.46	4191514.22	0.86360	566310.46	4191514.22	

0.89304
566330.46 4191514.22 0.94723 566350.46 4191514.22
1.02655
566370.46 4191514.22 1.11686 566390.46 4191514.22
1.18196
566410.46 4191514.22 1.22363 566430.46 4191514.22
1.25511
566450.46 4191514.22 1.29369 566470.46 4191514.22
1.34794
566490.46 4191514.22 1.40988 566510.46 4191514.22
1.45093
566530.46 4191514.22 1.48698 566550.46 4191514.22
1.52833
566570.46 4191514.22 1.57284 565570.46 4191534.22
0.38435
565590.46 4191534.22 0.40559 565610.46 4191534.22
0.42850
565630.46 4191534.22 0.45319 565650.46 4191534.22
0.47996
565670.46 4191534.22 0.50872 565690.46 4191534.22
0.53966
565710.46 4191534.22 0.57316 565730.46 4191534.22
0.60870
565750.46 4191534.22 0.64576 565770.46 4191534.22
0.68490
565790.46 4191534.22 0.72667 565810.46 4191534.22
0.77109
565830.46 4191534.22 0.81700 565850.46 4191534.22
0.86730
565870.46 4191534.22 0.91739 565890.46 4191534.22
0.96801
565910.46 4191534.22 1.02149 565930.46 4191534.22
1.08072
565950.46 4191534.22 1.13665 565970.46 4191534.22
1.19412
565990.46 4191534.22 1.25342 566010.46 4191534.22
1.30842
566030.46 4191534.22 1.35125 566050.46 4191534.22
1.27814
566070.46 4191534.22 1.08843 566090.46 4191534.22
0.92607
566110.46 4191534.22 0.79891 566130.46 4191534.22
0.73267
566150.46 4191534.22 0.71376 566170.46 4191534.22
0.72545
566190.46 4191534.22 0.74873 566210.46 4191534.22
0.77753
566230.46 4191534.22 0.81328 566250.46 4191534.22
0.85478

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,

L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
566270.46	4191534.22	0.89425	566290.46	4191534.22	0.91725
566310.46	4191534.22	0.95168	566330.46	4191534.22	1.00809
566350.46	4191534.22	1.09054	566370.46	4191534.22	1.19224
566390.46	4191534.22	1.28515	566410.46	4191534.22	1.35641
566430.46	4191534.22	1.40497	566450.46	4191534.22	1.44643
566470.46	4191534.22	1.49305	566490.46	4191534.22	1.54508
566510.46	4191534.22	1.58507	566530.46	4191534.22	1.61172
566550.46	4191534.22	1.64090	566570.46	4191534.22	1.67411
565570.46	4191554.22	0.39147	565590.46	4191554.22	0.41352
565610.46	4191554.22	0.43738	565630.46	4191554.22	0.46351
565650.46	4191554.22	0.49191	565670.46	4191554.22	0.52276
565690.46	4191554.22	0.55638	565710.46	4191554.22	0.59301
565730.46	4191554.22	0.63254	565750.46	4191554.22	0.67396
565770.46	4191554.22	0.71816	565790.46	4191554.22	0.76557
565810.46	4191554.22	0.81632	565830.46	4191554.22	0.87030
565850.46	4191554.22	0.92910	565870.46	4191554.22	0.98978
565890.46	4191554.22	1.05303	565910.46	4191554.22	1.12102
565930.46	4191554.22	1.19554	565950.46	4191554.22	1.26501
565970.46	4191554.22	1.33387	565990.46	4191554.22	1.40824
566010.46	4191554.22	1.48137	566030.46	4191554.22	1.51375
566050.46	4191554.22	1.33158	566070.46	4191554.22	1.16516
566090.46	4191554.22	0.97978	566110.46	4191554.22	0.85163
566130.46	4191554.22	0.78638	566150.46	4191554.22	

0.76736
566170.46 4191554.22 0.77966 566190.46 4191554.22
0.80363
566210.46 4191554.22 0.83619 566230.46 4191554.22
0.87545
566250.46 4191554.22 0.91807 566270.46 4191554.22
0.95884
566290.46 4191554.22 0.99672 566310.46 4191554.22
1.04354
566330.46 4191554.22 1.10691 566350.46 4191554.22
1.19143
566370.46 4191554.22 1.29627 566390.46 4191554.22
1.40701
566410.46 4191554.22 1.51041 566430.46 4191554.22
1.58823
566450.46 4191554.22 1.64270 566470.46 4191554.22
1.68341
566490.46 4191554.22 1.71846 566510.46 4191554.22
1.75044
566530.46 4191554.22 1.76511 566550.46 4191554.22
1.77860
566570.46 4191554.22 1.79452 565570.46 4191574.22
0.39793
565590.46 4191574.22 0.42084 565610.46 4191574.22
0.44574
565630.46 4191574.22 0.47294 565650.46 4191574.22
0.50290
565670.46 4191574.22 0.53575 565690.46 4191574.22
0.57179
565710.46 4191574.22 0.61137 565730.46 4191574.22
0.65508
565750.46 4191574.22 0.70132 565770.46 4191574.22
0.75105
565790.46 4191574.22 0.80479 565810.46 4191574.22
0.86251

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3
**

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M)
CONC

- -

565830.46 4191574.22 0.92319 565850.46 4191574.22
0.99127
565870.46 4191574.22 1.06521 565890.46 4191574.22
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565950.46 4191574.22 1.40504 565970.46 4191574.22
1.48775
565990.46 4191574.22 1.58678 566010.46 4191574.22
1.68627
566030.46 4191574.22 1.66247 566050.46 4191574.22
1.43375
566070.46 4191574.22 1.26131 566090.46 4191574.22
1.07748
566110.46 4191574.22 0.95460 566130.46 4191574.22
0.88439
566150.46 4191574.22 0.85394 566170.46 4191574.22
0.86027
566190.46 4191574.22 0.88361 566210.46 4191574.22
0.92313
566230.46 4191574.22 0.97232 566250.46 4191574.22
1.02493
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1.13484
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1.28423
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1.49324
566390.46 4191574.22 1.60832 566410.46 4191574.22
1.71756
566430.46 4191574.22 1.80793 566450.46 4191574.22
1.87588
566470.46 4191574.22 1.92284 566490.46 4191574.22
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1.94460
565570.46 4191594.22 0.40396 565590.46 4191594.22
0.42794
565610.46 4191594.22 0.45425 565630.46 4191594.22
0.48258
565650.46 4191594.22 0.51378 565670.46 4191594.22
0.54810
565690.46 4191594.22 0.58604 565710.46 4191594.22
0.62815
565730.46 4191594.22 0.67584 565750.46 4191594.22
0.72698
565770.46 4191594.22 0.78246 565790.46 4191594.22
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565810.46 4191594.22 0.90720 565830.46 4191594.22
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565890.46 4191594.22 1.24663 565910.46 4191594.22
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565930.46 4191594.22 1.45670 565950.46 4191594.22
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565970.46 4191594.22 1.66508 565990.46 4191594.22

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566090.46 4191594.22 1.22424 566110.46 4191594.22
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566130.46 4191594.22 1.00799 566150.46 4191594.22
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566170.46 4191594.22 0.96231 566190.46 4191594.22
0.99047
566210.46 4191594.22 1.04232 566230.46 4191594.22
1.10653
566250.46 4191594.22 1.17621 566270.46 4191594.22
1.25220
566290.46 4191594.22 1.34082 566310.46 4191594.22
1.43914
566330.46 4191594.22 1.54824 566350.46 4191594.22
1.66790
566370.46 4191594.22 1.79445 566390.46 4191594.22
1.91909

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
566410.46	4191594.22	2.03248	566430.46	4191594.22	2.12449
566450.46	4191594.22	2.19077	566470.46	4191594.22	2.23039
566490.46	4191594.22	2.24448	566510.46	4191594.22	2.23686
566530.46	4191594.22	2.21110	566550.46	4191594.22	2.17309
566570.46	4191594.22	2.12698	565570.46	4191614.22	0.40953
565590.46	4191614.22	0.43455	565610.46	4191614.22	0.46218

565630.46	4191614.22	0.49177	565650.46	4191614.22	0.52420
565670.46	4191614.22	0.55992	565690.46	4191614.22	0.59969
565710.46	4191614.22	0.64449	565730.46	4191614.22	0.69567
565750.46	4191614.22	0.75148	565770.46	4191614.22	0.81261
565790.46	4191614.22	0.87899	565810.46	4191614.22	0.95116
565830.46	4191614.22	1.03153	565850.46	4191614.22	1.12537
565870.46	4191614.22	1.23488	565890.46	4191614.22	1.35614
565910.46	4191614.22	1.48174	565930.46	4191614.22	1.60372
565950.46	4191614.22	1.72504	565970.46	4191614.22	1.86927
565990.46	4191614.22	2.04175	566010.46	4191614.22	2.20769
566030.46	4191614.22	2.06176	566050.46	4191614.22	1.78255
566070.46	4191614.22	1.61437	566090.46	4191614.22	1.42804
566110.46	4191614.22	1.27927	566130.46	4191614.22	1.16758
566150.46	4191614.22	1.10034	566170.46	4191614.22	1.09461
566190.46	4191614.22	1.13375	566210.46	4191614.22	1.20511
566230.46	4191614.22	1.29185	566250.46	4191614.22	1.38895
566270.46	4191614.22	1.50391	566290.46	4191614.22	1.63952
566310.46	4191614.22	1.78272	566330.46	4191614.22	1.92830
566350.46	4191614.22	2.07499	566370.46	4191614.22	2.21995
566390.46	4191614.22	2.35213	566410.46	4191614.22	2.46172
566430.46	4191614.22	2.54076	566450.46	4191614.22	2.58816
566470.46	4191614.22	2.60465	566490.46	4191614.22	2.59109
566510.46	4191614.22	2.55094	566530.46	4191614.22	2.49086
566550.46	4191614.22	2.41607	566570.46	4191614.22	2.33281
565570.46	4191634.22	0.41470	565590.46	4191634.22	0.44052
565610.46	4191634.22	0.46928	565630.46	4191634.22	0.50044
565650.46	4191634.22	0.53414	565670.46	4191634.22	0.57151
565690.46	4191634.22	0.61367	565710.46	4191634.22	0.66169
565730.46	4191634.22	0.71541	565750.46	4191634.22	0.77524
565770.46	4191634.22	0.84143	565790.46	4191634.22	0.91424
565810.46	4191634.22	0.99527	565830.46	4191634.22	

1.08931
565850.46 4191634.22 1.20489 565870.46 4191634.22
1.33358
565890.46 4191634.22 1.47117 565910.46 4191634.22
1.61232
565930.46 4191634.22 1.75450 565950.46 4191634.22
1.91560

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565970.46	4191634.22	2.11030	565990.46	4191634.22	2.32762
566010.46	4191634.22	2.53351	566030.46	4191634.22	2.40980
566050.46	4191634.22	2.16272	566070.46	4191634.22	1.96887
566090.46	4191634.22	1.75741	566110.46	4191634.22	1.56486
566130.46	4191634.22	1.40689	566150.46	4191634.22	1.30789
566170.46	4191634.22	1.29475	566190.46	4191634.22	1.35182
566210.46	4191634.22	1.45231	566230.46	4191634.22	1.57535
566250.46	4191634.22	1.71821	566270.46	4191634.22	1.89069
566290.46	4191634.22	2.09327	566310.46	4191634.22	2.29311
566330.46	4191634.22	2.48292	566350.46	4191634.22	2.65977
566370.46	4191634.22	2.81905	566390.46	4191634.22	2.94964
565570.46	4191654.22	0.41979	565590.46	4191654.22	0.44651
565610.46	4191654.22	0.47628	565630.46	4191654.22	0.50859

```
        565650.46    4191654.22        0.54379                      565670.46    4191654.22
0.58325
        565690.46    4191654.22        0.62801                      565710.46    4191654.22
0.67860
        565730.46    4191654.22        0.73499                      565750.46    4191654.22
0.79868
        565770.46    4191654.22        0.87082                      565790.46    4191654.22
0.95260
        565810.46    4191654.22        1.04590                      565830.46    4191654.22
1.15417
        566010.46    4191654.22        2.91308                      566030.46    4191654.22
2.97072
        566050.46    4191654.22        2.85223                      566070.46    4191654.22
2.64542
        566090.46    4191654.22        2.32670                      566110.46    4191654.22
2.02648
        566130.46    4191654.22        1.80617                      566150.46    4191654.22
1.66997
        566170.46    4191654.22        1.63245                      566190.46    4191654.22
1.70010
        566210.46    4191654.22        1.83671                      566230.46    4191654.22
2.01527
        566250.46    4191654.22        2.23209                      566270.46    4191654.22
2.49561
        566290.46    4191654.22        2.77810                      566310.46    4191654.22
3.03586
        565570.46    4191674.22        0.42512                      565590.46    4191674.22
0.45261
        565610.46    4191674.22        0.48311                      565630.46    4191674.22
0.51642
        565650.46    4191674.22        0.55319                      565670.46    4191674.22
0.59473
        565690.46    4191674.22        0.64179                      565710.46    4191674.22
0.69465
        565730.46    4191674.22        0.75374                      566010.46    4191674.22
3.33281
        566030.46    4191674.22        3.68185                      566050.46    4191674.22
3.86684
        566070.46    4191674.22        3.74465                      566090.46    4191674.22
3.32244
        566110.46    4191674.22        2.82610                      566130.46    4191674.22
2.49772
        566150.46    4191674.22        2.31571                      566170.46    4191674.22
2.21998
        566190.46    4191674.22        2.27914                      566210.46    4191674.22
2.46701
        566230.46    4191674.22        2.74115                      566250.46    4191674.22
3.08750
        566270.46    4191674.22        3.49866                      566290.46    4191674.22
3.84803
        565570.46    4191694.22        0.43111                      565590.46    4191694.22
0.45928
        565610.46    4191694.22        0.48991                      565630.46    4191694.22
0.52419
*** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
    ***        10:56:55

               PAGE 244
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN
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*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565650.46	4191694.22	0.56261	565670.46	4191694.22	0.60578
565690.46	4191694.22	0.65437	565710.46	4191694.22	0.70921
565730.46	4191694.22	0.77084	566050.46	4191694.22	4.78950
566070.46	4191694.22	5.22355	566090.46	4191694.22	4.87181
566110.46	4191694.22	4.27925	566130.46	4191694.22	3.69688
566150.46	4191694.22	3.33911	566170.46	4191694.22	3.16156
566190.46	4191694.22	3.21312	566210.46	4191694.22	3.51027
566230.46	4191694.22	3.98720	566250.46	4191694.22	4.55158
566270.46	4191694.22	5.05903	565570.46	4191714.22	0.43641
565590.46	4191714.22	0.46568	565610.46	4191714.22	0.49784
565630.46	4191714.22	0.53297	565650.46	4191714.22	0.57245
565670.46	4191714.22	0.61683	565690.46	4191714.22	0.66685
565710.46	4191714.22	0.72319	565730.46	4191714.22	0.78712
566070.46	4191714.22	6.55404	566090.46	4191714.22	7.15126
566110.46	4191714.22	6.69880	566130.46	4191714.22	5.96575
566150.46	4191714.22	5.19627	566170.46	4191714.22	4.78593
566190.46	4191714.22	4.80227	565570.46	4191734.22	0.44138
565590.46	4191734.22	0.47188	565610.46	4191734.22	0.50601
565630.46	4191734.22	0.54186	565650.46	4191734.22	0.58236
565670.46	4191734.22	0.62808	565690.46	4191734.22	0.67925

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         565710.46    4191734.22        0.73669                      566110.46    4191734.22
11.04719
         566130.46    4191734.22       10.79272                      566150.46    4191734.22
8.90561
         566170.46    4191734.22        7.85929                      566190.46    4191734.22
7.72874
         565570.46    4191754.22        0.44634                      565590.46    4191754.22
0.47780
         565610.46    4191754.22        0.51265                      565630.46    4191754.22
0.54896
         565650.46    4191754.22        0.59189                      565670.46    4191754.22
0.63973
         565690.46    4191754.22        0.69219                      565710.46    4191754.22
0.75037
         566130.46    4191754.22       18.05153                      566150.46    4191754.22
16.67184
         566170.46    4191754.22       14.88855                      566190.46    4191754.22
14.83377
         565570.46    4191774.22        0.45098                      565590.46    4191774.22
0.48267
         565610.46    4191774.22        0.51811                      565630.46    4191774.22
0.55558
         565650.46    4191774.22        0.60057                      565670.46    4191774.22
0.65078
         565690.46    4191774.22        0.70523                      565710.46    4191774.22
0.76496
         566170.46    4191774.22       34.67276                      566190.46    4191774.22
36.24534
         565570.46    4191794.22        0.45536                      565590.46    4191794.22
0.48697
         565610.46    4191794.22        0.52290                      565630.46    4191794.22
0.56187
         565650.46    4191794.22        0.60871                      565670.46    4191794.22
0.66134
         565690.46    4191794.22        0.71832                      565710.46    4191794.22
0.78012
         565570.46    4191814.22        0.45907                      565590.46    4191814.22
0.49160
         565610.46    4191814.22        0.52844                      565630.46    4191814.22
0.56769
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                              *** THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002    , L0000003    ,
L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010    , L0000011    ,
L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018    , L0000019    ,
L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026    , L0000027    ,
L0000028    ,  . . .      ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***
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** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565650.46	4191814.22	0.61647	565670.46	4191814.22	0.67095
565690.46	4191814.22	0.72939	565710.46	4191814.22	0.79250
565570.46	4191834.22	0.46254	565590.46	4191834.22	0.49597
565610.46	4191834.22	0.53346	565630.46	4191834.22	0.57345
565650.46	4191834.22	0.62258	565670.46	4191834.22	0.67757
565690.46	4191834.22	0.73738	565710.46	4191834.22	0.80284
565570.46	4191854.22	0.46577	565590.46	4191854.22	0.50010
565610.46	4191854.22	0.53807	565630.46	4191854.22	0.57919
565650.46	4191854.22	0.62723	565670.46	4191854.22	0.68150
565690.46	4191854.22	0.74247	565710.46	4191854.22	0.81110
565570.46	4191874.22	0.46906	565590.46	4191874.22	0.50411
565610.46	4191874.22	0.54248	565630.46	4191874.22	0.58519
565650.46	4191874.22	0.63429	565670.46	4191874.22	0.68981
565690.46	4191874.22	0.75241	565710.46	4191874.22	0.82299
565570.46	4191894.22	0.47312	565590.46	4191894.22	0.50885
565610.46	4191894.22	0.54807	565630.46	4191894.22	0.59226
565650.46	4191894.22	0.64224	565670.46	4191894.22	0.69897
565690.46	4191894.22	0.76297	565710.46	4191894.22	0.83493
565570.46	4191914.22	0.47795	565590.46	4191914.22	0.51443
565610.46	4191914.22	0.55501	565630.46	4191914.22	0.60061
565650.46	4191914.22	0.65121	565670.46	4191914.22	0.70910
565690.46	4191914.22	0.77420	565710.46	4191914.22	0.84664
565570.46	4191934.22	0.48596	565590.46	4191934.22	0.52353
565610.46	4191934.22	0.56504	565630.46	4191934.22	0.61080
565650.46	4191934.22	0.66129	565670.46	4191934.22	0.71864
565690.46	4191934.22	0.78349	565710.46	4191934.22	0.85682
565570.46	4191954.22	0.49503	565590.46	4191954.22	0.53374

```
        565610.46    4191954.22        0.57626                      565630.46    4191954.22
0.62195
        565650.46    4191954.22        0.67250                      565670.46    4191954.22
0.72923
        565690.46    4191954.22        0.79389                      565710.46    4191954.22
0.86856
        565570.46    4191974.22        0.50533                      565590.46    4191974.22
0.54514
        565610.46    4191974.22        0.58879                      565630.46    4191974.22
0.63448
        565650.46    4191974.22        0.68550                      565670.46    4191974.22
0.74194
        565690.46    4191974.22        0.80686                      565710.46    4191974.22
0.88391
        565570.46    4191994.22        0.51415                      565590.46    4191994.22
0.55521
        565610.46    4191994.22        0.60071                      565630.46    4191994.22
0.64913
        565650.46    4191994.22        0.70109                      565670.46    4191994.22
0.75923
        565690.46    4191994.22        0.82609                      565710.46    4191994.22
0.90473
        565570.46    4192014.22        0.52143                      565590.46    4192014.22
0.56296
        565610.46    4192014.22        0.61059                      565630.46    4192014.22
0.66323
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                            *** THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: ALL      ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002    , L0000003    ,
L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010    , L0000011    ,
L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018    , L0000019    ,
L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026    , L0000027    ,
L0000028    ,  . . .      ,

                                         *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD (M)
CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
        565650.46    4192014.22        0.71597                      565670.46    4192014.22
0.77529
        565690.46    4192014.22        0.84369                      565710.46    4192014.22
0.92403
        565570.46    4192034.22        0.52605                      565590.46    4192034.22
0.56642
        565610.46    4192034.22        0.61673                      565630.46    4192034.22
```

0.67548
565650.46 4192034.22 0.72854 565670.46 4192034.22
0.78697
565690.46 4192034.22 0.85545 565710.46 4192034.22
0.93824
565570.46 4192054.22 0.53214 565590.46 4192054.22
0.57245
565610.46 4192054.22 0.62298 565630.46 4192054.22
0.68244
565650.46 4192054.22 0.73679 565670.46 4192054.22
0.79687
565690.46 4192054.22 0.86741 565570.46 4192074.22
0.53951
565590.46 4192074.22 0.58032 565610.46 4192074.22
0.62953
565630.46 4192074.22 0.68653 565650.46 4192074.22
0.74181
565670.46 4192074.22 0.80332 565690.46 4192074.22
0.87387
565570.46 4192094.22 0.54994 565590.46 4192094.22
0.59195
565610.46 4192094.22 0.63766 565630.46 4192094.22
0.68835
565650.46 4192094.22 0.74377 565570.46 4192114.22
0.55364
565590.46 4192114.22 0.59572 565610.46 4192114.22
0.64014
565630.46 4192114.22 0.68871 565650.46 4192114.22
0.74327
565570.46 4192134.22 0.55412 565590.46 4192134.22
0.59589
565610.46 4192134.22 0.63975 565630.46 4192134.22
0.68747
565570.46 4192154.22 0.55287 565590.46 4192154.22
0.59456
565610.46 4192154.22 0.63833 565630.46 4192154.22
0.68490
565570.46 4192174.22 0.55325 565590.46 4192174.22
0.59368
565610.46 4192174.22 0.63574 565630.46 4192174.22
0.67351
565690.46 4192174.22 0.90119 565710.46 4192174.22
0.91300
565730.46 4192174.22 0.92840 565750.46 4192174.22
0.95943
565770.46 4192174.22 0.97359 565790.46 4192174.22
0.96856
565810.46 4192174.22 0.98295 565570.46 4192194.22
0.55348
565590.46 4192194.22 0.59153 565610.46 4192194.22
0.62666
565630.46 4192194.22 0.74184 565650.46 4192194.22
0.80554
565670.46 4192194.22 0.82906 565690.46 4192194.22
0.82975
565710.46 4192194.22 0.83117 565730.46 4192194.22
0.84887
565750.46 4192194.22 0.87414 565770.46 4192194.22
0.91246
565790.46 4192194.22 0.93783 565810.46 4192194.22
0.95688

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        565570.46    4192214.22        0.55253                      565590.46    4192214.22
0.58425
        565610.46    4192214.22        0.68994                      565630.46    4192214.22
0.74817
        565650.46    4192214.22        0.76058                      565670.46    4192214.22
0.75328
        565690.46    4192214.22        0.75099                      565710.46    4192214.22
0.75815
        565730.46    4192214.22        0.77034                      565750.46    4192214.22
0.79311
        565770.46    4192214.22        0.82866                      565790.46    4192214.22
0.86642
↑ *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
    ***        10:56:55

               PAGE 247
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                            *** THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: ALL      ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002    , L0000003    ,
L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010    , L0000011    ,
L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018    , L0000019    ,
L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026    , L0000027    ,
L0000028    ,  . . .      ,

                                         *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD (M)
CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
        565810.46    4192214.22        0.89928                      565570.46    4192234.22
0.54629
        565590.46    4192234.22        0.62869                      565610.46    4192234.22
0.70195
        565630.46    4192234.22        0.71265                      565650.46    4192234.22
0.69821
        565670.46    4192234.22        0.68860                      565690.46    4192234.22
0.69306
        565710.46    4192234.22        0.70376                      565730.46    4192234.22
0.71709
        565750.46    4192234.22        0.73932                      565770.46    4192234.22
0.76893
        565790.46    4192234.22        0.80327                      565810.46    4192234.22
0.83717
        566610.64    4191596.95        2.03019                      566594.96    4191572.56
1.90557
        566676.84    4191551.66        1.65063                      566582.76    4191498.52
1.52548
        566607.15    4191478.49        1.42059                      566639.38    4191459.32
1.25773
        566587.99    4191437.55        1.10339                      566635.90    4191431.45
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1.05030
566616.73 4191406.19 0.87784 566600.18 4191377.44
0.71094
566633.29 4191315.60 0.50176 566669.00 4191327.79
0.55302
566868.47 4191523.78 1.02458 566871.96 4191416.64
0.78711
566934.68 4191400.96 0.69992

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PAREA1 ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
565570.46	4191234.22	149.94385	(12121108)	565590.46	4191234.22	154.31861	(12121108)
565610.46	4191234.22	157.61572	(12121108)	565630.46	4191234.22	159.52220	(12121108)
565650.46	4191234.22	160.03833	(12121108)	565670.46	4191234.22	159.07451	(12121108)
565690.46	4191234.22	156.50168	(12121108)	565710.46	4191234.22	153.55062	(13122708)
565730.46	4191234.22	165.04378	(13122708)	565750.46	4191234.22	175.40002	(13122708)
565770.46	4191234.22	184.27542	(13122708)	565790.46	4191234.22	191.15126	(13122708)
565810.46	4191234.22	195.39130	(13122708)	565830.46	4191234.22	196.80841	(13122708)
565850.46	4191234.22	201.89879	(11120608)	565870.46	4191234.22	208.20478	(11120608)
565890.46	4191234.22	211.20620	(11120608)	565910.46	4191234.22	210.39087	(11120608)
565930.46	4191234.22	205.95103	(11120608)	565950.46	4191234.22	198.35349	(11120608)
565970.46	4191234.22	187.33640	(11120608)	565990.46	4191234.22	178.51387	(10122208)
566010.46	4191234.22	176.01374	(10122208)	566030.46	4191234.22	171.34501	(10122208)
566050.46	4191234.22	164.70608	(10122208)	566070.46	4191234.22	155.65840	(10122208)
566090.46	4191234.22	144.49176	(10122208)	566110.46	4191234.22	131.73818	(10122208)
566130.46	4191234.22	124.79648	(09022708)	566150.46	4191234.22	142.68207	(12011608)
566170.46	4191234.22	164.89695	(12011608)	566190.46	4191234.22		

186.48594 (12011608)
566210.46 4191234.22 206.15148 (12011608) 566230.46 4191234.22
222.58078 (12011608)
566250.46 4191234.22 234.44014 (12011608) 566270.46 4191234.22
311.84103 (12011608)
566290.46 4191234.22 370.97966 (12011608) 566310.46 4191234.22
353.39624 (12011608)
566330.46 4191234.22 286.89184 (12011608) 566350.46 4191234.22
237.25086 (13011108)
566370.46 4191234.22 279.26496 (13011108) 566390.46 4191234.22
307.28277 (13011108)
566410.46 4191234.22 302.99528 (13011108) 566430.46 4191234.22
262.78745 (13011108)
566450.46 4191234.22 238.47274 (10121508) 566470.46 4191234.22
247.88664 (10121508)
566490.46 4191234.22 235.83343 (10121508) 566510.46 4191234.22
241.84967 (09121808)
566530.46 4191234.22 242.49721 (09121808) 566550.46 4191234.22
224.80401 (09121808)
566570.46 4191234.22 192.58059 (09121808) 565570.46 4191254.22
153.17477 (13121908)
565590.46 4191254.22 156.91630 (12121108) 565610.46 4191254.22
161.51561 (12121108)
565630.46 4191254.22 164.80950 (12121108) 565650.46 4191254.22
166.71655 (12121108)
565670.46 4191254.22 167.13221 (12121108) 565690.46 4191254.22
165.92190 (12121108)
565710.46 4191254.22 162.94259 (12121108) 565730.46 4191254.22
163.91209 (13122708)
565750.46 4191254.22 175.84105 (13122708) 565770.46 4191254.22
186.45497 (13122708)
565790.46 4191254.22 195.22145 (13122708) 565810.46 4191254.22
201.49925 (13122708)
565830.46 4191254.22 205.05983 (13122708) 565850.46 4191254.22
206.41569 (11120608)
565870.46 4191254.22 214.83090 (11120608) 565890.46 4191254.22
219.89188 (11120608)
565910.46 4191254.22 221.06631 (11120608) 565930.46 4191254.22
218.18733 (11120608)
565950.46 4191254.22 211.58156 (11120608) 565970.46 4191254.22
201.18822 (11120608)
565990.46 4191254.22 187.43218 (11120608) 566010.46 4191254.22
185.31758 (10122208)
566030.46 4191254.22 181.18067 (10122208) 566050.46 4191254.22
175.14026 (10122208)
566070.46 4191254.22 166.26450 (10122208) 566090.46 4191254.22
154.85211 (10122208)
566110.46 4191254.22 141.56938 (10122208) 566130.46 4191254.22
131.18269 (09022708)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PAREA1 ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
566150.46	4191254.22	151.13105	(12011608)	566170.46	4191254.22	174.70948	(12011608)
566190.46	4191254.22	197.26884	(12011608)	566210.46	4191254.22	217.72512	(12011608)
566230.46	4191254.22	234.62043	(12011608)	566250.46	4191254.22	246.34353	(12011608)
566270.46	4191254.22	350.13576	(12011608)	566290.46	4191254.22	386.31932	(12011608)
566310.46	4191254.22	346.66295	(12011608)	566330.46	4191254.22	280.68102	(12011608)
566350.46	4191254.22	258.61073	(13011108)	566370.46	4191254.22	299.95096	(13011108)
566390.46	4191254.22	319.78572	(13011108)	566410.46	4191254.22	302.59589	(13011108)
566430.46	4191254.22	249.16244	(13011108)	566450.46	4191254.22	254.43406	(10121508)
566470.46	4191254.22	254.36641	(10121508)	566490.46	4191254.22	244.70207	(09121808)
566510.46	4191254.22	255.01262	(09121808)	566530.46	4191254.22	244.98160	(09121808)
566550.46	4191254.22	216.52832	(09121808)	566570.46	4191254.22	175.66544	(09121808)
565570.46	4191274.22	157.78290	(12120308)	565590.46	4191274.22	160.43961	(13121908)
565610.46	4191274.22	164.33660	(12121108)	565630.46	4191274.22	169.11867	(12121108)
565650.46	4191274.22	172.60523	(12121108)	565670.46	4191274.22	174.59528	(12121108)
565690.46	4191274.22	174.86922	(12121108)	565710.46	4191274.22	173.29498	(12121108)
565730.46	4191274.22	169.79533	(12121108)	565750.46	4191274.22	175.21336	(13122708)
565770.46	4191274.22	187.59906	(13122708)	565790.46	4191274.22	198.32820	(13122708)
565810.46	4191274.22	206.85539	(13122708)	565830.46	4191274.22	212.78525	(13122708)
565850.46	4191274.22	215.46290	(13122708)	565870.46	4191274.22	220.93841	(11120608)
565890.46	4191274.22	228.41552	(11120608)	565910.46	4191274.22	231.79075	(11120608)
565930.46	4191274.22	230.87093	(11120608)	565950.46	4191274.22	225.61428	(11120608)
565970.46	4191274.22	216.01922	(11120608)	565990.46	4191274.22	202.44070	(11120608)
566010.46	4191274.22	195.07266	(10122208)	566030.46	4191274.22	191.30569	(10122208)
566050.46	4191274.22	185.97581	(10122208)	566070.46	4191274.22	177.40050	(10122208)
566090.46	4191274.22	165.85876	(10122208)	566110.46	4191274.22	152.13944	(10122208)
566130.46	4191274.22	137.99380	(09022708)	566150.46	4191274.22	160.26459	(12011608)

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        566170.46   4191274.22      185.20515  (12011608)                566190.46   4191274.22
208.71169  (12011608)
        566210.46   4191274.22      230.06001  (12011608)                566230.46   4191274.22
247.56259  (12011608)
        566250.46   4191274.22      259.01856  (12011608)                566270.46   4191274.22
381.37196  (12011608)
        566290.46   4191274.22      397.34374  (12011608)                566310.46   4191274.22
347.10478  (12011608)
        566330.46   4191274.22      280.46299  (12011608)                566350.46   4191274.22
281.12106  (13011108)
        566370.46   4191274.22      316.97979  (13011108)                566390.46   4191274.22
326.18140  (13011108)
        566410.46   4191274.22      295.50129  (13011108)                566430.46   4191274.22
252.74639  (10121508)
        566450.46   4191274.22      264.57400  (10121508)                566470.46   4191274.22
253.30877  (10121508)
        566490.46   4191274.22      260.48505  (09121808)                566510.46   4191274.22
260.29772  (09121808)
        566530.46   4191274.22      239.22585  (09121808)                566550.46   4191274.22
201.10293  (09121808)
        566570.46   4191274.22      153.69156  (09121808)                565570.46   4191294.22
161.71963  (12120308)
        565590.46   4191294.22      165.49303  (12120308)                565610.46   4191294.22
168.07957  (13121908)
        565630.46   4191294.22      172.37263  (12121108)                565650.46   4191294.22
177.58608  (12121108)
        565670.46   4191274.22      181.31774  (12121108)                565690.46   4191294.22
183.28664  (12121108)
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                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP:  PAREA1   ***
                                    INCLUDING SOURCE(S):     PAREA1      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                         ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)
CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - -
        565710.46   4191294.22      183.32865  (12121108)                565730.46   4191294.22
181.41575  (12121108)
        565750.46   4191294.22      177.33944  (12121108)                565770.46   4191294.22
187.75214  (13122708)
        565790.46   4191294.22      200.51231  (13122708)                565810.46   4191294.22
211.37116  (13122708)
        565830.46   4191294.22      219.83715  (13122708)                565850.46   4191294.22
224.98882  (13122708)
        565870.46   4191294.22      226.74801  (13122708)                565890.46   4191294.22
236.65858  (11120608)
        565910.46   4191294.22      242.67754  (11120608)                565930.46   4191294.22
244.34870  (11120608)
```

565950.46 4191294.22 241.05152 (11120608) 565970.46 4191294.22
232.49044 (11120608)
565990.46 4191294.22 219.19428 (11120608) 566010.46 4191294.22
205.83629 (10122208)
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        566210.46   4191314.22   258.20595 (12011608)   566230.46   4191314.22
276.64914 (12011608)
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423.20287 (12011608)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: PAREA1   ***
                                  INCLUDING SOURCE(S):   PAREA1   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)
CONC   (YYMMDDHH)
 -
- - - - - - - - - - - - - -
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376.20347 (12011608)
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323.87444 (13011108)
        566370.46   4191314.22   333.82633 (13011108)   566390.46   4191314.22
317.59099 (13011108)
        566410.46   4191314.22   264.20252 (13011108)   566430.46   4191314.22
271.95790 (10121508)
        566450.46   4191314.22   264.83711 (10121508)   566470.46   4191314.22
274.44511 (09121808)
        566490.46   4191314.22   272.21599 (09121808)   566510.46   4191314.22
248.55507 (09121808)
        566530.46   4191314.22   206.77297 (09121808)   566550.46   4191314.22
155.84334 (09121808)
        566570.46   4191314.22   113.77404 (09020908)   565570.46   4191334.22
166.80066 (12120708)
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178.03414 (12120308)
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185.92777 (13121908)
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        565790.46   4191334.22   201.62635 (13122708)   565810.46   4191334.22
217.12465 (13122708)
        565830.46   4191334.22   230.80823 (13122708)   565850.46   4191334.22
241.95665 (13122708)
        565870.46   4191334.22   249.42965 (13122708)   565890.46   4191334.22
252.47365 (13122708)
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221.86880 (12011608)
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274.41610 (12011608)
566230.46 4191334.22 293.10111 (12011608) 566250.46 4191334.22
304.63687 (12011608)
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338.55434 (13011108)
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273.25697 (09121808)
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183.82530 (09121808)
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108.71063 (09020908)
565570.46 4191354.22 172.04814 (12120708) 565590.46 4191354.22
175.42605 (12120708)
565610.46 4191354.22 180.58002 (12120308) 565630.46 4191354.22
187.17609 (12120308)
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208.24115 (12121108)
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214.66330 (12121108)
565770.46 4191354.22 214.01115 (12121108) 565790.46 4191354.22
210.54197 (12121108)
565810.46 4191354.22 217.94875 (13122708) 565830.46 4191354.22
234.37447 (13122708)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PAREA1 ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
565850.46	4191354.22	248.78441	(13122708)	565870.46	4191354.22	259.89735	(13122708)
565890.46	4191354.22	266.37568	(13122708)	565910.46	4191354.22	272.85114	(11120608)
565930.46	4191354.22	284.62328	(11120608)	565950.46	4191354.22	290.00007	(11120608)
565970.46	4191354.22	288.37638	(11120608)	565990.46	4191354.22	279.65836	(11120608)
566010.46	4191354.22	264.37113	(11120608)	566030.46	4191354.22	245.65625	(10122208)
566050.46	4191354.22	240.75238	(10122208)	566070.46	4191354.22	231.63240	(10122208)
566090.46	4191354.22	219.72792	(10122208)	566110.46	4191354.22	205.14579	(10122208)
566130.46	4191354.22	187.19003	(10122208)	566150.46	4191354.22	202.81920	(12011608)
566170.46	4191354.22	235.04194	(12011608)	566190.46	4191354.22	265.75560	(12011608)
566210.46	4191354.22	292.00532	(12011608)	566230.46	4191354.22	310.94022	(12011608)
566250.46	4191354.22	378.73135	(12011608)	566270.46	4191354.22	454.94260	(12011608)
566290.46	4191354.22	477.82066	(12011608)	566310.46	4191354.22	435.49493	(12011608)
566330.46	4191354.22	418.08458	(13011108)	566350.46	4191354.22	388.06916	(13011108)
566370.46	4191354.22	346.72008	(13011108)	566390.46	4191354.22	294.00641	(13011108)
566410.46	4191354.22	275.47353	(10121508)	566430.46	4191354.22	274.29536	(10121508)
566450.46	4191354.22	288.62866	(09121808)	566470.46	4191354.22	287.61800	(09121808)
566490.46	4191354.22	259.58249	(09121808)	566510.46	4191354.22	213.04290	(09121808)
566530.46	4191354.22	158.28804	(09121808)	566550.46	4191354.22	117.08708	(09020908)
566570.46	4191354.22	101.77692	(09020908)	565570.46	4191374.22	175.78082	(12120708)
565590.46	4191374.22	180.86227	(12120708)	565610.46	4191374.22	184.77977	(12120708)
565630.46	4191374.22	189.85138	(12120308)	565650.46	4191374.22	197.16950	(12120308)
565670.46	4191374.22	202.91259	(12120308)	565690.46	4191374.22	206.91122	(13121908)
565710.46	4191374.22	213.66762	(12121108)	565730.46	4191374.22	220.70860	(12121108)
565750.46	4191374.22	225.33127	(12121108)	565770.46	4191374.22	227.33109	(12121108)
565790.46	4191374.22	226.34818	(12121108)	565810.46	4191374.22	222.18235	(12121108)
565830.46	4191374.22	236.42287	(13122708)	565850.46	4191374.22	254.26302	(13122708)
565870.46	4191374.22	269.16669	(13122708)	565890.46	4191374.22	279.52372	(13122708)

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        565910.46   4191374.22      284.40038  (13122708)               565930.46   4191374.22
297.19837  (11120608)
        565950.46   4191374.22      306.83561  (11120608)               565970.46   4191374.22
309.02498  (11120608)
        565990.46   4191374.22      303.56064  (11120608)               566010.46   4191374.22
290.44781  (11120608)
        566030.46   4191374.22      270.21489  (11120608)               566050.46   4191374.22
261.19854  (10122208)
        566070.46   4191374.22      252.58418  (10122208)               566090.46   4191374.22
241.43846  (10122208)
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207.73489  (10122208)
        566150.46   4191374.22      218.78398  (12011608)               566170.46   4191374.22
251.94107  (12011608)
        566190.46   4191374.22      283.60590  (12011608)               566210.46   4191374.22
311.12998  (12011608)
        566230.46   4191374.22      330.56397  (12011608)               566250.46   4191374.22
413.28625  (12011608)
        566270.46   4191374.22      476.63687  (12011608)               566290.46   4191374.22
495.30979  (12011608)
        566310.46   4191374.22      468.96732  (13011108)               566330.46   4191374.22
465.41725  (13011108)
        566350.46   4191374.22      418.49079  (13011108)               566370.46   4191374.22
354.82442  (13011108)
        566390.46   4191374.22      283.70041  (10121508)               566410.46   4191374.22
281.79812  (10121508)
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      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 253
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP:  PAREA1   ***
                                  INCLUDING SOURCE(S):     PAREA1      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                        ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)  Y-COORD (M)
CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - -
        566430.46   4191374.22      284.57637  (09121808)               566450.46   4191374.22
296.51756  (09121808)
        566470.46   4191374.22      282.30528  (09121808)               566490.46   4191374.22
242.33643  (09121808)
        566510.46   4191374.22      188.27719  (09121808)               566530.46   4191374.22
131.79126  (09121808)
        566550.46   4191374.22      110.77688  (09020908)               566570.46   4191374.22
122.84750  (13011008)
        565570.46   4191394.22      178.41989  (11020308)               565590.46   4191394.22
184.55618  (12120708)
        565610.46   4191394.22      190.38422  (12120708)               565630.46   4191394.22
195.07327  (12120708)
        565650.46   4191394.22      200.03124  (12120308)               565670.46   4191394.22
208.31856  (12120308)
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565690.46 4191394.22 214.90982 (12120308) 565710.46 4191394.22
219.42327 (13121908)
565730.46 4191394.22 226.82770 (12121108) 565750.46 4191394.22
234.46755 (12121108)
565770.46 4191394.22 239.43217 (12121108) 565790.46 4191394.22
241.37355 (12121108)
565810.46 4191394.22 240.08111 (12121108) 565830.46 4191394.22
236.69508 (13122708)
565850.46 4191394.22 258.04132 (13122708) 565870.46 4191394.22
276.92576 (13122708)
565890.46 4191394.22 291.53338 (13122708) 565910.46 4191394.22
300.68267 (13122708)
565930.46 4191394.22 309.14531 (11120608) 565950.46 4191394.22
323.74577 (11120608)
565970.46 4191394.22 330.51262 (11120608) 565990.46 4191394.22
329.44096 (11120608)
566010.46 4191394.22 319.75685 (11120608) 566030.46 4191394.22
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352.30102 (12011608)
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505.54571 (12011608)
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508.13370 (13011108)
566330.46 4191394.22 500.74545 (13011108) 566350.46 4191394.22
443.76624 (13011108)
566370.46 4191394.22 362.27878 (13011108) 566390.46 4191394.22
306.01203 (10121508)
566410.46 4191394.22 285.67947 (10121508) 566430.46 4191394.22
293.78552 (09121808)
566450.46 4191394.22 293.41835 (09121808) 566470.46 4191394.22
267.77973 (09121808)
566490.46 4191394.22 219.20665 (09121808) 566510.46 4191394.22
161.58782 (09121808)
566530.46 4191394.22 119.89720 (09020908) 566550.46 4191394.22
128.06508 (13011008)
566570.46 4191394.22 150.59538 (13011008) 565570.46 4191414.22
180.74875 (12123108)
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194.06230 (12120708)
565630.46 4191414.22 200.96533 (12120708) 565650.46 4191414.22
206.63588 (12120708)
565670.46 4191414.22 211.60584 (12120308) 565690.46 4191414.22
220.97057 (12120308)
565710.46 4191414.22 228.30531 (12120308) 565730.46 4191414.22
233.31031 (12120308)
565750.46 4191414.22 241.68237 (12121108) 565770.46 4191414.22
249.90148 (12121108)
565790.46 4191414.22 255.08475 (12121108) 565810.46 4191414.22
257.15534 (12121108)
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259.66344 (13122708)
565870.46 4191414.22 282.64490 (13122708) 565890.46 4191414.22

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301.94090  (13122708)
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324.70762  (13122708)
        565950.46   4191414.22      339.90044  (11120608)               565970.46   4191414.22
352.04587  (11120608)
↑ *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 254
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP:  PAREA1   ***
                                  INCLUDING SOURCE(S):     PAREA1      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                        ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)
CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - -
        565990.46   4191414.22      356.13210  (11120608)               566010.46   4191414.22
351.23253  (11120608)
        566030.46   4191414.22      336.43122  (11120608)               566050.46   4191414.22
312.89922  (11120608)
        566070.46   4191414.22      310.96029  (10122208)               566090.46   4191414.22
302.15911  (10122208)
        566110.46   4191414.22      282.53136  (10122208)               566130.46   4191414.22
252.75772  (10122208)
        566150.46   4191414.22      255.82202  (13112908)               566170.46   4191414.22
296.38534  (12011608)
        566190.46   4191414.22      326.07482  (12011608)               566210.46   4191414.22
355.33047  (12011608)
        566230.46   4191414.22      375.64456  (12011608)               566250.46   4191414.22
487.58655  (12011608)
        566270.46   4191414.22      539.60036  (12011608)               566290.46   4191414.22
533.98774  (12011608)
        566310.46   4191414.22      543.61125  (13011108)               566330.46   4191414.22
525.14768  (13011108)
        566350.46   4191414.22      448.48195  (13011108)               566370.46   4191414.22
346.28495  (13011108)
        566390.46   4191414.22      315.13748  (10121508)               566410.46   4191414.22
301.70398  (09121808)
        566430.46   4191414.22      302.56787  (09121808)               566450.46   4191414.22
286.63878  (09121808)
        566470.46   4191414.22      248.73229  (09121808)               566490.46   4191414.22
193.42074  (09121808)
        566510.46   4191414.22      134.30731  (09121808)               566530.46   4191414.22
133.66873  (13011008)
        566550.46   4191414.22      156.34602  (13011008)               566570.46   4191414.22
177.30820  (13011008)
        565570.46   4191434.22      185.38312  (12123108)               565590.46   4191434.22
190.72725  (12123108)
        565610.46   4191434.22      197.05141  (11020308)               565630.46   4191434.22
204.73626  (11020308)
        565650.46   4191434.22      212.77670  (12120708)               565670.46   4191434.22
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219.61806 (12120708)
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565730.46 4191434.22 243.04350 (12120308) 565750.46 4191434.22
248.91377 (12120308)
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266.98893 (12121108)
565810.46 4191434.22 272.95951 (12121108) 565830.46 4191434.22
275.29709 (12121108)
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566050.46 4191434.22 356.57108 (11120608) 566070.46 4191434.22
345.32973 (10122208)
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546.83635 (13011108)
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424.82892 (13011108)
566370.46 4191434.22 337.23122 (10121508) 566390.46 4191434.22
316.49408 (10121508)
566410.46 4191434.22 319.03020 (09121808) 566430.46 4191434.22
308.38501 (09121808)
566450.46 4191434.22 276.40321 (09121808) 566470.46 4191434.22
226.14895 (09121808)
566490.46 4191434.22 165.46376 (09121808) 566510.46 4191434.22
139.49769 (13011008)
566530.46 4191434.22 162.79751 (13011008) 566550.46 4191434.22
183.62143 (13011008)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PAREA1 ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
566570.46	4191434.22	200.35533	(13011008)	565570.46	4191454.22	187.74971	(12123108)
565590.46	4191454.22	195.06643	(12123108)	565610.46	4191454.22	201.74600	(12123108)
565630.46	4191454.22	207.79402	(11020308)	565650.46	4191454.22	216.91541	(11020308)
565670.46	4191454.22	225.93505	(12120708)	565690.46	4191454.22	233.99152	(12120708)
565710.46	4191454.22	239.90613	(12120708)	565730.46	4191454.22	250.03312	(12120308)
565750.46	4191454.22	259.56626	(12120308)	565770.46	4191454.22	266.15617	(12120308)
565790.46	4191454.22	276.48612	(12121108)	565810.46	4191454.22	286.85266	(12121108)
565830.46	4191454.22	293.29838	(12121108)	565850.46	4191454.22	296.02563	(12121108)
565870.46	4191454.22	294.24961	(12121108)	565890.46	4191454.22	316.59406	(13122708)
565910.46	4191454.22	341.78434	(13122708)	565930.46	4191454.22	362.80945	(13122708)
565950.46	4191454.22	376.86134	(13122708)	565970.46	4191454.22	395.15696	(11120608)
565990.46	4191454.22	414.52760	(11120608)	566010.46	4191454.22	425.06640	(11120608)
566030.46	4191454.22	423.34582	(11120608)	566050.46	4191454.22	405.67083	(11120608)
566070.46	4191454.22	378.50531	(10122208)	566090.46	4191454.22	361.12909	(10122208)
566110.46	4191454.22	370.27475	(10122208)	566130.46	4191454.22	308.67460	(10121309)
566150.46	4191454.22	291.53931	(12011609)	566170.46	4191454.22	301.47682	(09022708)
566190.46	4191454.22	333.02835	(09022708)	566210.46	4191454.22	383.38102	(12011608)
566230.46	4191454.22	481.70501	(12011608)	566250.46	4191454.22	541.14621	(12011608)
566270.46	4191454.22	502.25760	(12011608)	566290.46	4191454.22	439.71797	(13011108)
566310.46	4191454.22	464.62360	(13011108)	566330.46	4191454.22	446.36486	(13011108)
566350.46	4191454.22	381.91656	(13011108)	566370.46	4191454.22	340.98470	(10121508)
566390.46	4191454.22	336.71699	(09121808)	566410.46	4191454.22	338.53742	(09121808)
566430.46	4191454.22	312.94445	(09121808)	566450.46	4191454.22	262.95216	(09121808)
566470.46	4191454.22	199.09259	(09121808)	566490.46	4191454.22	145.51784	(13011008)
566510.46	4191454.22	170.83403	(13011008)	566530.46	4191454.22	193.28866	(13011008)
566550.46	4191454.22	209.99988	(13011008)	566570.46	4191454.22	219.55400	(13011008)
565570.46	4191474.22	187.70549	(12123108)	565590.46	4191474.22	196.84921	(12123108)
565610.46	4191474.22	205.77848	(12123108)	565630.46	4191474.22	213.90328	(12123108)

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        565650.46   4191474.22      220.87555  (12123108)                565670.46   4191474.22
230.17553  (11020308)
        565690.46   4191474.22      240.00846  (12120708)                565710.46   4191474.22
249.34923  (12120708)
        565730.46   4191474.22      256.52476  (12120708)                565750.46   4191474.22
267.09924  (12120308)
        565770.46   4191474.22      278.00498  (12120308)                565790.46   4191474.22
285.95725  (12120308)
        565810.46   4191474.22      298.31295  (12121108)                565830.46   4191474.22
309.61772  (12121108)
        565850.46   4191474.22      317.96521  (12121108)                565870.46   4191474.22
321.18720  (12121108)
        565890.46   4191474.22      319.42021  (13122708)                565910.46   4191474.22
350.38503  (13122708)
        565930.46   4191474.22      378.62061  (13122708)                565950.46   4191474.22
401.20713  (13122708)
        565970.46   4191474.22      416.11825  (11120608)                565990.46   4191474.22
446.76768  (11120608)
        566010.46   4191474.22      467.30755  (11120608)                566030.46   4191474.22
470.47480  (11120608)
        566050.46   4191474.22      452.78657  (11120608)                566070.46   4191474.22
412.86365  (11120608)
        566090.46   4191474.22      466.18584  (10122208)                566110.46   4191474.22
399.13326  (10122208)
*** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 256
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP:  PAREA1   ***
                                  INCLUDING SOURCE(S):     PAREA1      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)
CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
        566130.46   4191474.22      310.35147  (10121309)                566150.46   4191474.22
278.79782  (12011609)
        566170.46   4191474.22      278.39514  (09022708)                566190.46   4191474.22
302.24442  (09022708)
        566210.46   4191474.22      323.44985  (12011608)                566230.46   4191474.22
406.76362  (12011608)
        566250.46   4191474.22      459.48989  (12011608)                566270.46   4191474.22
453.43616  (12011608)
        566290.46   4191474.22      439.23238  (13011108)                566310.46   4191474.22
470.99755  (13011108)
        566330.46   4191474.22      444.64149  (13011108)                566350.46   4191474.22
368.63004  (13011108)
        566370.46   4191474.22      356.34477  (10121508)                566390.46   4191474.22
366.07437  (09121808)
        566410.46   4191474.22      352.54709  (09121808)                566430.46   4191474.22
306.44244  (09121808)
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205.81676 (13011008)
566530.46 4191474.22 225.33984 (13011008) 566550.46 4191474.22
235.41631 (13011008)
566570.46 4191474.22 235.31572 (13011008) 565570.46 4191494.22
185.00886 (12123108)
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244.43988 (11020308)
565710.46 4191494.22 255.56829 (12120708) 565730.46 4191494.22
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501.70718 (11120608)
566070.46 4191494.22 506.82790 (10122208) 566090.46 4191494.22
528.89988 (10122208)
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261.84968 (09022708)
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456.50358 (13011108)
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387.71213 (09121808)
566390.46 4191494.22 388.23131 (09121808) 566410.46 4191494.22
352.49020 (09121808)
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200.66182 (09121808)
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219.40010 (13011008)
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255.81819 (13011008)
566550.46 4191494.22 255.77957 (13011008) 566570.46 4191494.22
243.60442 (13011008)
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192.58425 (12123108)
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217.61017 (12123108)
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241.19164 (12123108)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PAREA1   ***

INCLUDING SOURCE(S):   PAREA1   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
565690.46	4191514.22	251.40867	(12123108)	565710.46	4191514.22	260.45818	(11020308)
565730.46	4191514.22	273.46668	(11020308)	565750.46	4191514.22	286.25787	(12120708)
565770.46	4191514.22	296.89225	(12120708)	565790.46	4191514.22	308.76517	(12120308)
565810.46	4191514.22	324.57277	(12120308)	565830.46	4191514.22	335.63514	(12120308)
565850.46	4191514.22	353.47436	(12121108)	565870.46	4191514.22	369.39328	(12121108)
565890.46	4191514.22	378.43887	(12121108)	565910.46	4191514.22	380.96812	(12121108)
565930.46	4191514.22	405.27162	(13122708)	565950.46	4191514.22	446.69989	(13122708)
565970.46	4191514.22	482.88873	(13122708)	565990.46	4191514.22	509.59752	(13122708)
566010.46	4191514.22	548.65146	(11120608)	566030.46	4191514.22	564.75188	(11120608)
566050.46	4191514.22	552.56178	(11120608)	566070.46	4191514.22	596.19908	(10122208)
566090.46	4191514.22	568.10766	(10122208)	566110.46	4191514.22	400.17406	(10122208)
566130.46	4191514.22	279.55001	(10121309)	566150.46	4191514.22	260.16847	(10121309)
566170.46	4191514.22	263.22331	(13112908)	566190.46	4191514.22	315.24255	(13112908)
566210.46	4191514.22	374.70907	(12011608)	566230.46	4191514.22	483.14553	(12011608)
566250.46	4191514.22	536.60493	(12011608)	566270.46	4191514.22	512.87702	(12011608)
566290.46	4191514.22	539.58417	(13011108)	566310.46	4191514.22	532.05215	(13011108)
566330.46	4191514.22	454.24072	(13011108)	566350.46	4191514.22	426.20173	(10121508)
566370.46	4191514.22	425.54933	(09121808)	566390.46	4191514.22	398.11857	(09121808)
566410.46	4191514.22	335.15337	(09121808)	566430.46	4191514.22		

247.05171 (09121808)
566450.46 4191514.22 199.62680 (13011008) 566470.46 4191514.22
234.89295 (13011008)
566490.46 4191514.22 261.83413 (13011008) 566510.46 4191514.22
277.62291 (13011008)
566530.46 4191514.22 279.27820 (13011008) 566550.46 4191514.22
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178.19125 (12011708)
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199.68938 (12123108)
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228.51018 (12123108)
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256.14512 (12123108)
565710.46 4191534.22 268.89889 (12123108) 565730.46 4191534.22
280.00423 (12123108)
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307.87768 (12120708)
565790.46 4191534.22 321.21936 (12120708) 565810.46 4191534.22
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418.15583 (12011608)
566230.46 4191534.22 533.90629 (12011608) 566250.46 4191534.22
576.23222 (12011608)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PAREA1 ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3
**

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M)

CONC (YYMMDDHH)
- -
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575.70994 (13011108)
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366.07558 (09121808)

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323.23227 (13011008)
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304.54679 (13011008)
566530.46   4191554.22   271.03958 (13011008)   566550.46   4191554.22
243.68262 (12010208)
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187.05066 (12010508)
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200.29509 (12010508)
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215.93081 (12011708)
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290.60798 (12123108)
565750.46   4191574.22   309.14882 (12123108)   565770.46   4191574.22
326.02183 (12123108)
565790.46   4191574.22   340.77096 (12123108)   565810.46   4191574.22
361.03765 (12120708)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PAREA1   ***
INCLUDING SOURCE(S):   PAREA1   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5   IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)
CONC   (YYMMDDHH)
- -
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398.33865 (12120708)
565870.46   4191574.22   425.72305 (12120308)   565890.46   4191574.22
449.71031 (12120308)
565910.46   4191574.22   481.40616 (12121108)   565930.46   4191574.22
511.46924 (12121108)
565950.46   4191574.22   526.85037 (12121108)   565970.46   4191574.22
547.37887 (13122708)
565990.46   4191574.22   618.17669 (13122708)   566010.46   4191574.22
676.65883 (13122708)
566030.46   4191574.22   704.13701 (11120608)   566050.46   4191574.22
917.75160 (11120608)
566070.46   4191574.22   779.18824 (11120608)   566090.46   4191574.22
579.62814 (10122208)
566110.46   4191574.22   482.04548 (10122208)   566130.46   4191574.22
364.86047 (10122208)
566150.46   4191574.22   327.55713 (10121309)   566170.46   4191574.22
335.39580 (13112908)

566190.46 4191574.22 415.27384 (13112908) 566210.46 4191574.22
528.43851 (12011608)
566230.46 4191574.22 635.03330 (12011608) 566250.46 4191574.22
635.38611 (12011608)
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617.61989 (13011108)
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527.17657 (09121808)
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260.18398 (12010208)
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197.31441 (12010508)
565610.46 4191594.22 205.54937 (12010508) 565630.46 4191594.22
213.64097 (12010508)
565650.46 4191594.22 221.60726 (12010508) 565670.46 4191594.22
229.40622 (12010508)
565690.46 4191594.22 241.30318 (12123108) 565710.46 4191594.22
263.30487 (12123108)
565730.46 4191594.22 286.55200 (12123108) 565750.46 4191594.22
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392.94166 (11020308)
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444.15923 (12120708)
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*** AERMOD - VERSION 21112 ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
*** 07/15/22
*** AERMET - VERSION 14134 ***   *** UCB LFF Construction HRA
*** 10:56:55

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PAREA1 ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
566410.46	4191594.22	350.58452	(13011008)	566430.46	4191594.22	372.56700	(13011008)
566450.46	4191594.22	370.66607	(13011008)	566470.46	4191594.22	345.99588	(13011008)
566490.46	4191594.22	303.51660	(13011008)	566510.46	4191594.22	289.26772	(12010208)
566530.46	4191594.22	287.52852	(12010208)	566550.46	4191594.22	275.25914	(12010208)
566570.46	4191594.22	254.43055	(12010208)	565570.46	4191614.22	194.26625	(13012808)
565590.46	4191614.22	201.37559	(13012808)	565610.46	4191614.22	208.39821	(13012808)
565630.46	4191614.22	217.66629	(12010508)	565650.46	4191614.22	227.53293	(12010508)
565670.46	4191614.22	237.37602	(12010508)	565690.46	4191614.22	247.28478	(12010508)
565710.46	4191614.22	257.29610	(12011708)	565730.46	4191614.22	276.44296	(12123108)
565750.46	4191614.22	303.31119	(12123108)	565770.46	4191614.22	330.62570	(12123108)
565790.46	4191614.22	357.50583	(12123108)	565810.46	4191614.22	383.14668	(12123108)
565830.46	4191614.22	407.25853	(12123108)	565850.46	4191614.22	433.99838	(11020308)
565870.46	4191614.22	470.63703	(12120708)	565890.46	4191614.22	506.47370	(12120708)
565910.46	4191614.22	546.08679	(12120308)	565930.46	4191614.22	578.64747	(12120308)
565950.46	4191614.22	614.02095	(12121108)	565970.46	4191614.22	652.39085	(12121108)
565990.46	4191614.22	686.52778	(12121108)	566010.46	4191614.22	769.33253	(13122708)
566030.46	4191614.22	976.13317	(13122708)	566050.46	4191614.22	959.46479	(13122708)
566070.46	4191614.22	866.14624	(11120608)	566090.46	4191614.22	693.75534	(11120608)
566110.46	4191614.22	623.18399	(10122208)	566130.46	4191614.22	528.20945	(10122208)
566150.46	4191614.22	396.37855	(10121309)	566170.46	4191614.22		

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667.22007  (12011608)
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701.95698  (13011108)
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634.31926  (13011108)
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571.36292  (09121808)
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338.11897  (09121808)
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402.77069  (13011008)
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371.27027  (13011008)
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315.78636  (12010208)
        566510.46   4191614.22      309.02049  (12010208)                566530.46   4191614.22
290.83227  (12010208)
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257.90422  (13102408)
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205.57821  (13012808)
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223.23502  (13012808)
        565650.46   4191634.22      231.65878  (13012808)                565670.46   4191634.22
241.78622  (12010508)
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267.63094  (12010508)
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294.29436  (12011708)
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353.03326  (12123108)
        565810.46   4191634.22      385.62255  (12123108)                565830.46   4191634.22
419.79233  (12123108)
        565850.46   4191634.22      458.15827  (12123108)                565870.46   4191634.22
494.63007  (12123108)
        565890.46   4191634.22      538.37795  (12120708)                565910.46   4191634.22
576.51149  (12120708)
        565930.46   4191634.22      611.80917  (12120308)                565950.46   4191634.22
652.69412  (12120308)
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP:  PAREA1   ***
                                INCLUDING SOURCE(S):     PAREA1      ,

                                           *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                      ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)
CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - -
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566090.46 4191634.22 819.54101 (11120608) 566110.46 4191634.22 693.80021 (10122208)
566130.46 4191634.22 626.73876 (10122208) 566150.46 4191634.22 444.88270 (10122208)
566170.46 4191634.22 442.61774 (13112908) 566190.46 4191634.22 558.82154 (12011608)
566210.46 4191634.22 743.96858 (12011608) 566230.46 4191634.22 774.37752 (12011608)
566250.46 4191634.22 757.13215 (13011108) 566270.46 4191634.22 729.22713 (13011108)
566290.46 4191634.22 646.36398 (10121508) 566310.46 4191634.22 633.23877 (09121808)
566330.46 4191634.22 566.60505 (09121808) 566350.46 4191634.22 433.87012 (09121808)
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565810.46 4191654.22 380.90393 (12123108) 565830.46 4191654.22 424.45144 (12123108)
566010.46 4191654.22 898.66607 (12121108) 566030.46 4191654.22 928.66888 (13122708)
566050.46 4191654.22 1192.08956 (13122708) 566070.46 4191654.22 1185.56965 (13122708)
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566130.46 4191654.22 729.09379 (10122208) 566150.46 4191654.22 559.52907 (10122208)
566170.46 4191654.22 493.04689 (13112908) 566190.46 4191654.22 658.79808 (12011608)
566210.46 4191654.22 825.01425 (12011608) 566230.46 4191654.22 823.36003 (12011608)
566250.46 4191654.22 809.27514 (13011108) 566270.46 4191654.22 757.47142 (13011108)
566290.46 4191654.22 692.62860 (09121808) 566310.46 4191654.22 650.93554 (09121808)
565570.46 4191674.22 193.58670 (13012808) 565590.46 4191674.22 204.58521 (13012808)
565610.46 4191674.22 216.21733 (13012808) 565630.46 4191674.22 228.30660 (13012808)
565650.46 4191674.22 240.81218 (13012808) 565670.46 4191674.22 254.43699 (13012808)
565690.46 4191674.22 268.57441 (13012808) 565710.46 4191674.22 283.37999 (13012808)

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        565730.46   4191674.22      298.64894  (13012808)                566010.46   4191674.22
979.33240  (12121108)
        566030.46   4191674.22     1030.73145  (12121108)                566050.46   4191674.22
1094.01638  (13122708)
        566070.46   4191674.22     1336.34430  (13122708)                566090.46   4191674.22
1336.44949  (11120608)
        566110.46   4191674.22     1043.40480  (11120608)                566130.46   4191674.22
840.81848  (10122208)
        566150.46   4191674.22      691.72284  (10122208)                566170.46   4191674.22
554.37825  (13112908)
        566190.46   4191674.22      777.48919  (12011608)                566210.46   4191674.22
912.37931  (12011608)
        566230.46   4191674.22      885.81468  (13011108)                566250.46   4191674.22
865.23277  (13011108)
        566270.46   4191674.22      782.23074  (13011108)                566290.46   4191674.22
735.50616  (09121808)
        565570.46   4191694.22      193.44757  (10120708)                565590.46   4191694.22
199.80162  (10120708)
        565610.46   4191694.22      211.31932  (13012808)                565630.46   4191694.22
224.52947  (13012808)
 *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 262
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP:  PAREA1   ***
                                  INCLUDING SOURCE(S):     PAREA1      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)
CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
        565650.46   4191694.22      238.77765  (13012808)                565670.46   4191694.22
253.97431  (13012808)
        565690.46   4191694.22      270.34455  (13012808)                565710.46   4191694.22
287.81018  (13012808)
        565730.46   4191694.22      305.86429  (13012808)                566050.46   4191694.22
1188.81211  (12121108)
        566070.46   4191694.22     1302.66273  (13122708)                566090.46   4191694.22
1557.06656  (13122708)
        566110.46   4191694.22     1507.18219  (11120608)                566130.46   4191694.22
1065.52590  (11120608)
        566150.46   4191694.22      852.59226  (10122208)                566170.46   4191694.22
630.69840  (13112908)
        566190.46   4191694.22      915.97588  (12011608)                566210.46   4191694.22
1008.62100  (12011608)
        566230.46   4191694.22      977.36230  (13011108)                566250.46   4191694.22
926.09088  (13011108)
        566270.46   4191694.22      824.70260  (09121808)                565570.46   4191714.22
203.47744  (10120708)
        565590.46   4191714.22      211.51888  (10120708)                565610.46   4191714.22
219.83547  (10120708)
```

565630.46 4191714.22 228.12266 (10120708) 565650.46 4191714.22
236.96905 (10120708)
565670.46 4191714.22 248.48619 (13012808) 565690.46 4191714.22
266.25121 (13012808)
565710.46 4191714.22 285.31181 (13012808) 565730.46 4191714.22
305.94859 (13012808)
566070.46 4191714.22 1406.66507 (12121108) 566090.46 4191714.22
1576.42380 (13122708)
566110.46 4191714.22 1856.35758 (11120608) 566130.46 4191714.22
1693.87733 (11120608)
566150.46 4191714.22 1131.66871 (10122208) 566170.46 4191714.22
771.71868 (10122208)
566190.46 4191714.22 1079.86388 (12011608) 565570.46 4191734.22
210.04366 (10120708)
565590.46 4191734.22 219.76229 (10120708) 565610.46 4191734.22
230.26302 (10120708)
565630.46 4191734.22 240.22193 (10120708) 565650.46 4191734.22
251.02231 (10120708)
565670.46 4191734.22 262.62561 (10120708) 565690.46 4191734.22
274.74553 (10120708)
565710.46 4191734.22 287.25542 (10120708) 566110.46 4191734.22
1971.05223 (13122708)
566130.46 4191734.22 2097.58590 (11120608) 566150.46 4191734.22
1759.35809 (11120608)
566170.46 4191734.22 1065.63804 (10122208) 566190.46 4191734.22
1280.61743 (12011608)
565570.46 4191754.22 212.91260 (10120708) 565590.46 4191754.22
223.88812 (10120708)
565610.46 4191754.22 235.61264 (10120708) 565630.46 4191754.22
246.75080 (10120708)
565650.46 4191754.22 260.01472 (10120708) 565670.46 4191754.22
274.04748 (10120708)
565690.46 4191754.22 288.32667 (10120708) 565710.46 4191754.22
303.04748 (10120708)
566130.46 4191754.22 2601.65836 (11120608) 566150.46 4191754.22
2809.38758 (11120608)
566170.46 4191754.22 1745.28633 (10122208) 566190.46 4191754.22
1596.90239 (12011608)
565570.46 4191774.22 215.07534 (14010108) 565590.46 4191774.22
225.73642 (14010108)
565610.46 4191774.22 237.33544 (14010108) 565630.46 4191774.22
248.64081 (14010108)
565650.46 4191774.22 262.89222 (10120708) 565670.46 4191774.22
279.04669 (10120708)
565690.46 4191774.22 295.36360 (10120708) 565710.46 4191774.22
312.03658 (10120708)
566170.46 4191774.22 3167.48947 (11120608) 566190.46 4191774.22
2515.79256 (12011608)
565570.46 4191794.22 215.67803 (14010108) 565590.46 4191794.22
226.56503 (14010108)
565610.46 4191794.22 238.81866 (14010108) 565630.46 4191794.22
251.45241 (14010108)
565650.46 4191794.22 267.02421 (14010108) 565670.46 4191794.22
283.94048 (14010108)
565690.46 4191794.22 301.00989 (14010108) 565710.46 4191794.22
318.07516 (14010108)
565570.46 4191814.22 216.26505 (10121608) 565590.46 4191814.22
226.99074 (10121608)
565610.46 4191814.22 239.00328 (10121608) 565630.46 4191814.22
250.94437 (10121608)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PAREA1 ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
565650.46	4191814.22	266.65654	(10121608)	565670.46	4191814.22	283.57167	(10121608)
565690.46	4191814.22	300.89477	(14010108)	565710.46	4191814.22	318.80363	(14010108)
565570.46	4191834.22	218.28792	(10121608)	565590.46	4191834.22	229.67803	(10121608)
565610.46	4191834.22	242.22649	(10121608)	565630.46	4191834.22	254.77273	(10121608)
565650.46	4191834.22	270.90330	(10121608)	565670.46	4191834.22	288.33330	(10121608)
565690.46	4191834.22	306.10195	(10121608)	565710.46	4191834.22	324.24578	(10121608)
565570.46	4191854.22	219.05861	(10120108)	565590.46	4191854.22	230.77731	(10120108)
565610.46	4191854.22	243.35668	(10120108)	565630.46	4191854.22	256.28400	(10120108)
565650.46	4191854.22	271.46975	(10120108)	565670.46	4191854.22	288.14527	(10120108)
565690.46	4191854.22	306.17467	(10120108)	565710.46	4191854.22	325.58125	(10120108)
565570.46	4191874.22	216.65226	(10120108)	565590.46	4191874.22	228.30300	(10120108)
565610.46	4191874.22	240.54875	(10120108)	565630.46	4191874.22	253.73318	(10120108)
565650.46	4191874.22	268.73584	(10120108)	565670.46	4191874.22	285.21208	(10120108)
565690.46	4191874.22	303.09032	(10120108)	565710.46	4191874.22	322.29813	(10120108)
565570.46	4191894.22	210.52387	(10120108)	565590.46	4191894.22	221.63005	(10120108)
565610.46	4191894.22	233.28629	(10120108)	565630.46	4191894.22	246.08813	(10120108)
565650.46	4191894.22	260.14957	(10120108)	565670.46	4191894.22	275.63170	(10120108)
565690.46	4191894.22	292.32075	(10120108)	565710.46	4191894.22	310.01040	(10120108)
565570.46	4191914.22	200.90480	(10120108)	565590.46	4191914.22	211.11542	(10120108)
565610.46	4191914.22	222.06033	(10120108)	565630.46	4191914.22	233.92167	(10120108)
565650.46	4191914.22	246.33583	(10120108)	565670.46	4191914.22		

260.13705 (10120108)
        565690.46   4191914.22   274.79457 (10120108)   565710.46   4191914.22
293.98023 (10112908)
        565570.46   4191934.22   195.51988 (10112908)   565590.46   4191934.22
208.52598 (10112908)
        565610.46   4191934.22   222.44696 (10112908)   565630.46   4191934.22
237.23302 (10112908)
        565650.46   4191934.22   252.85923 (10112908)   565670.46   4191934.22
269.99343 (10112908)
        565690.46   4191934.22   288.64748 (10112908)   565710.46   4191934.22
308.75257 (10112908)
        565570.46   4191954.22   207.68668 (10112908)   565590.46   4191954.22
221.10984 (10112908)
        565610.46   4191954.22   235.23653 (10112908)   565630.46   4191954.22
249.41110 (10112908)
        565650.46   4191954.22   264.28078 (10112908)   565670.46   4191954.22
280.19699 (10112908)
        565690.46   4191954.22   297.50022 (10112908)   565710.46   4191954.22
317.65024 (13020108)
        565570.46   4191974.22   217.29145 (10112908)   565590.46   4191974.22
230.63914 (10112908)
        565610.46   4191974.22   244.52003 (10112908)   565630.46   4191974.22
258.33055 (13020108)
        565650.46   4191974.22   273.57043 (13020108)   565670.46   4191974.22
289.23435 (13020108)
        565690.46   4191974.22   306.53714 (13020108)   565710.46   4191974.22
326.77602 (13020108)
        565570.46   4191994.22   224.03758 (13020108)   565590.46   4191994.22
238.32707 (13020108)
        565610.46   4191994.22   253.42264 (13020108)   565630.46   4191994.22
268.01021 (13020108)
        565650.46   4191994.22   282.10263 (13020108)   565670.46   4191994.22
296.83372 (13020108)
        565690.46   4191994.22   312.86952 (13020108)   565710.46   4191994.22
331.08404 (13020108)
        565570.46   4192014.22   228.71504 (13020108)   565590.46   4192014.22
242.06690 (13020108)
        565610.46   4192014.22   256.92731 (13020108)   565630.46   4192014.22
272.19460 (13020108)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PAREA1   ***
INCLUDING SOURCE(S):   PAREA1   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5   IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)
CONC   (YYMMDDHH)
- -
        565650.46   4192014.22   284.68801 (13020108)   565670.46   4192014.22

297.55307 (13020108)
565690.46 4192014.22 311.59913 (13020108) 565710.46 4192014.22
327.39282 (13020108)
565570.46 4192034.22 227.91856 (13020108) 565590.46 4192034.22
239.04606 (13020108)
565610.46 4192034.22 253.67312 (13020108) 565630.46 4192034.22
270.28880 (13020108)
565650.46 4192034.22 280.48605 (13020108) 565670.46 4192034.22
290.23529 (13020108)
565690.46 4192034.22 301.25174 (13020108) 565710.46 4192034.22
314.73076 (13020108)
565570.46 4192054.22 224.39603 (13020108) 565590.46 4192054.22
233.73467 (13020108)
565610.46 4192054.22 246.37551 (13020108) 565630.46 4192054.22
260.83409 (13020108)
565650.46 4192054.22 269.28728 (13020108) 565670.46 4192054.22
277.14669 (13020108)
565690.46 4192054.22 286.15908 (09021008) 565570.46 4192074.22
218.32656 (13020108)
565590.46 4192074.22 225.97050 (13020108) 565610.46 4192074.22
235.66385 (13020108)
565630.46 4192074.22 246.33871 (13020108) 565650.46 4192074.22
257.86225 (09021008)
565670.46 4192074.22 277.55122 (09021008) 565690.46 4192074.22
299.07610 (09021008)
565570.46 4192094.22 210.92925 (13020108) 565590.46 4192094.22
217.29787 (13020108)
565610.46 4192094.22 231.59415 (09021008) 565630.46 4192094.22
249.02624 (09021008)
565650.46 4192094.22 266.88193 (09021008) 565570.46 4192114.22
209.11093 (09021008)
565590.46 4192114.22 224.53912 (09021008) 565610.46 4192114.22
239.55460 (09021008)
565630.46 4192114.22 254.87364 (09021008) 565650.46 4192114.22
270.93613 (09021008)
565570.46 4192134.22 214.95978 (09021008) 565590.46 4192134.22
229.33309 (09021008)
565610.46 4192134.22 242.98204 (09021008) 565630.46 4192134.22
256.50344 (09021008)
565570.46 4192154.22 217.35384 (09021008) 565590.46 4192154.22
230.56365 (09021008)
565610.46 4192154.22 242.90513 (09021008) 565630.46 4192154.22
254.33414 (09021008)
565570.46 4192174.22 218.17094 (09021008) 565590.46 4192174.22
229.46694 (09021008)
565610.46 4192174.22 239.49017 (09021008) 565630.46 4192174.22
247.46127 (09021008)
565690.46 4192174.22 419.58778 (12122408) 565710.46 4192174.22
420.83225 (12122408)
565730.46 4192174.22 412.22967 (12122408) 565750.46 4192174.22
406.25195 (12122408)
565770.46 4192174.22 385.11999 (12122408) 565790.46 4192174.22
365.97703 (12122408)
565810.46 4192174.22 381.61030 (11011008) 565570.46 4192194.22
216.67561 (09021008)
565590.46 4192194.22 225.37762 (09021008) 565610.46 4192194.22
237.82604 (12122408)
565630.46 4192194.22 313.90014 (12122408) 565650.46 4192194.22
376.42174 (12122408)
565670.46 4192194.22 405.59677 (12122408) 565690.46 4192194.22
396.14767 (12122408)

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        565710.46   4192194.22      378.40000  (12122408)                565730.46   4192194.22
368.89235  (12122408)
        565750.46   4192194.22      356.36097  (12122408)                565770.46   4192194.22
335.31430  (12122408)
        565790.46   4192194.22      355.35704  (11011008)                565810.46   4192194.22
400.13743  (11011008)
        565570.46   4192214.22      213.36386  (12122408)                565590.46   4192214.22
229.06858  (12122408)
        565610.46   4192214.22      302.82951  (12122408)                565630.46   4192214.22
369.73485  (12122408)
        565650.46   4192214.22      387.82536  (12122408)                565670.46   4192214.22
369.60223  (12122408)
        565690.46   4192214.22      351.61521  (12122408)                565710.46   4192214.22
340.98630  (12122408)
        565730.46   4192214.22      330.34797  (12122408)                565750.46   4192214.22
310.11467  (12122408)
        565770.46   4192214.22      343.32302  (11011008)                565790.46   4192214.22
380.34816  (11011008)
↑ *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 265
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP:  PAREA1   ***
                                  INCLUDING SOURCE(S):     PAREA1      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)
CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
        565810.46   4192214.22      399.12409  (11011008)                565570.46   4192234.22
220.55234  (12122408)
        565590.46   4192234.22      282.77821  (12122408)                565610.46   4192234.22
356.26133  (12122408)
        565630.46   4192234.22      380.27992  (12122408)                565650.46   4192234.22
355.34484  (12122408)
        565670.46   4192234.22      331.87597  (12122408)                565690.46   4192234.22
320.26019  (12122408)
        565710.46   4192234.22      307.72132  (12122408)                565730.46   4192234.22
286.03520  (12122408)
        565750.46   4192234.22      333.22716  (11011008)                565770.46   4192234.22
369.22110  (11011008)
        565790.46   4192234.22      383.53603  (11011008)                565810.46   4192234.22
373.05605  (11011008)
        566610.64   4191596.95      229.85936  (13102408)                566594.96   4191572.56
241.00032  (12010208)
        566676.84   4191551.66      189.01958  (13102408)                566582.76   4191498.52
230.39383  (13011008)
        566607.15   4191478.49      211.49998  (13011008)                566639.38   4191459.32
190.20140  (13011008)
        566587.99   4191437.55      212.63508  (13011008)                566635.90   4191431.45
209.12076  (13011008)
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        566616.73   4191406.19      203.68511  (13011008)                566600.18   4191377.44
159.78225  (13011008)
        566633.29   4191315.60      114.11262  (13011008)                566669.00   4191327.79
163.57008  (13011008)
        566868.47   4191523.78       90.16301  (13102408)                566871.96   4191416.64
129.47075  (13102408)
        566934.68   4191400.96      117.57019  (13102408)

 *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 266
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP:  SLINE1   ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002    , L0000003    ,
L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010    , L0000011    ,
L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018    , L0000019    ,
L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026    , L0000027    ,
L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                      ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)
CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - -
        565570.46   4191234.22       15.06096  (09120916)                565590.46   4191234.22
15.53457  (09120916)
        565610.46   4191234.22       15.90523  (09120916)                565630.46   4191234.22
16.27305  (10121616)
        565650.46   4191234.22       17.81379  (10121616)                565670.46   4191234.22
19.33218  (10121616)
        565690.46   4191234.22       20.78876  (10121616)                565710.46   4191234.22
22.13987  (10121616)
        565730.46   4191234.22       23.33993  (10121616)                565750.46   4191234.22
24.33859  (10121616)
        565770.46   4191234.22       25.09951  (10121616)                565790.46   4191234.22
25.57512  (10121616)
        565810.46   4191234.22       25.70624  (10121616)                565830.46   4191234.22
25.47976  (10121616)
        565850.46   4191234.22       24.93724  (10121616)                565870.46   4191234.22
24.06133  (10121616)
        565890.46   4191234.22       22.84665  (10121616)                565910.46   4191234.22
22.20512  (13032108)
        565930.46   4191234.22       23.00665  (12120516)                565950.46   4191234.22
24.15973  (12120516)
        565970.46   4191234.22       24.87475  (12120516)                565990.46   4191234.22
25.09849  (12120516)
        566010.46   4191234.22       24.81251  (12120516)                566030.46   4191234.22
24.02857  (12120516)
        566050.46   4191234.22       23.42286  (10112516)                566070.46   4191234.22
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24.90265 (10112516)
566090.46 4191234.22 26.00321 (10112516) 566110.46 4191234.22
26.67171 (10112516)
566130.46 4191234.22 30.07377 (09120816) 566150.46 4191234.22
33.04706 (09120816)
566170.46 4191234.22 35.34449 (09120816) 566190.46 4191234.22
36.73698 (09120816)
566210.46 4191234.22 37.09686 (09120816) 566230.46 4191234.22
36.38317 (09120816)
566250.46 4191234.22 35.18025 (09120816) 566270.46 4191234.22
160.87102 (12011608)
566290.46 4191234.22 240.90430 (12011608) 566310.46 4191234.22
242.00413 (12011608)
566330.46 4191234.22 204.06454 (12011608) 566350.46 4191234.22
181.20758 (13011108)
566370.46 4191234.22 198.31218 (13011108) 566390.46 4191234.22
208.67946 (13011108)
566410.46 4191234.22 202.70765 (13011108) 566430.46 4191234.22
179.73568 (13011108)
566450.46 4191234.22 162.50646 (10121508) 566470.46 4191234.22
163.60545 (10121508)
566490.46 4191234.22 155.84304 (10121508) 566510.46 4191234.22
160.84536 (09121808)
566530.46 4191234.22 159.28772 (09121808) 566550.46 4191234.22
149.90339 (09121808)
566570.46 4191234.22 134.11281 (09121808) 565570.46 4191254.22
15.28340 (09120916)
565590.46 4191254.22 15.89794 (09120916) 565610.46 4191254.22
16.40000 (09120916)
565630.46 4191254.22 16.77559 (09120916) 565650.46 4191254.22
17.49645 (10121616)
565670.46 4191254.22 19.15221 (10121616) 565690.46 4191254.22
20.77367 (10121616)
565710.46 4191254.22 22.31371 (10121616) 565730.46 4191254.22
23.72525 (10121616)
565750.46 4191254.22 24.95693 (10121616) 565770.46 4191254.22
25.96197 (10121616)
565790.46 4191254.22 26.68376 (10121616) 565810.46 4191254.22
27.06165 (10121616)
565830.46 4191254.22 27.07738 (10121616) 565850.46 4191254.22
26.72768 (10121616)
565870.46 4191254.22 26.00719 (10121616) 565890.46 4191254.22
24.90500 (10121616)
565910.46 4191254.22 23.62646 (13032108) 565930.46 4191254.22
23.70901 (12120516)
565950.46 4191254.22 25.09111 (12120516) 565970.46 4191254.22
26.02367 (12120516)
565990.46 4191254.22 26.43592 (12120516) 566010.46 4191254.22
26.29852 (12120516)
566030.46 4191254.22 25.62305 (12120516) 566050.46 4191254.22
24.50198 (10112516)
566070.46 4191254.22 26.16524 (10112516) 566090.46 4191254.22
27.41542 (10112516)
566110.46 4191254.22 28.19529 (10112516) 566130.46 4191254.22
31.75570 (09120816)

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP:  SLINE1   ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002    , L0000003    ,
L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010    , L0000011    ,
L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018    , L0000019    ,
L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026    , L0000027    ,
L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)
CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - -
        566150.46   4191254.22       34.96807  (09120816)                566170.46   4191254.22
37.40925  (09120816)
        566190.46   4191254.22       38.85040  (09120816)                566210.46   4191254.22
39.16962  (09120816)
        566230.46   4191254.22       38.32559  (09120816)                566250.46   4191254.22
37.73343  (09120816)
        566270.46   4191254.22      208.96499  (12011608)                566290.46   4191254.22
256.26907  (12011608)
        566310.46   4191254.22      240.54469  (12011608)                566330.46   4191254.22
199.93893  (12011608)
        566350.46   4191254.22      192.17819  (13011108)                566370.46   4191254.22
208.84413  (13011108)
        566390.46   4191254.22      214.59735  (13011108)                566410.46   4191254.22
202.02197  (13011108)
        566430.46   4191254.22      172.73977  (13011108)                566450.46   4191254.22
169.08682  (10121508)
        566470.46   4191254.22      165.80315  (10121508)                566490.46   4191254.22
163.54943  (09121808)
        566510.46   4191254.22      165.78662  (09121808)                566530.46   4191254.22
159.47341  (09121808)
        566550.46   4191254.22      145.62889  (09121808)                566570.46   4191254.22
126.29688  (09121808)
        565570.46   4191274.22       15.40084  (09120916)                565590.46   4191274.22
16.15640  (09120916)
        565610.46   4191274.22       16.79708  (09120916)                565630.46   4191274.22
17.32414  (09120916)
        565650.46   4191274.22       17.72662  (09120916)                565670.46   4191274.22
18.85631  (10121616)
        565690.46   4191274.22       20.63385  (10121616)                565710.46   4191274.22
22.35890  (10121616)
        565730.46   4191274.22       23.98668  (10121616)                565750.46   4191274.22
25.45940  (10121616)
        565770.46   4191274.22       26.72224  (10121616)                565790.46   4191274.22
27.71353  (10121616)
        565810.46   4191274.22       28.37380  (10121616)                565830.46   4191274.22
28.67916  (10121616)
        565850.46   4191274.22       28.56119  (10121616)                565870.46   4191274.22
28.03991  (10121616)
        565890.46   4191274.22       27.09420  (10121616)                565910.46   4191274.22
```

```
25.72307  (10121616)
        565930.46   4191274.22       24.99629  (13032108)                565950.46   4191274.22
26.02993  (12120516)
        565970.46   4191274.22       27.20715  (12120516)                565990.46   4191274.22
27.82949  (12120516)
        566010.46   4191274.22       27.85569  (12120516)                566030.46   4191274.22
27.30003  (12120516)
        566050.46   4191274.22       26.22692  (12120516)                566070.46   4191274.22
27.49586  (10112516)
        566090.46   4191274.22       28.92142  (10112516)                566110.46   4191274.22
29.83597  (10112516)
        566130.46   4191274.22       33.57049  (09120816)                566150.46   4191274.22
37.05145  (09120816)
        566170.46   4191274.22       39.64417  (09120816)                566190.46   4191274.22
41.13178  (09120816)
        566210.46   4191274.22       41.40589  (09120816)                566230.46   4191274.22
40.42322  (09120816)
        566250.46   4191274.22       77.45145  (12011608)                566270.46   4191274.22
241.66086  (12011608)
        566290.46   4191274.22      266.26324  (12011608)                566310.46   4191274.22
242.06968  (12011608)
        566330.46   4191274.22      199.96902  (12011608)                566350.46   4191274.22
204.13863  (13011108)
        566370.46   4191274.22      217.48037  (13011108)                566390.46   4191274.22
217.71004  (13011108)
        566410.46   4191274.22      198.46409  (13011108)                566430.46   4191274.22
171.99085  (10121508)
        566450.46   4191274.22      174.03769  (10121508)                566470.46   4191274.22
166.10907  (10121508)
        566490.46   4191274.22      171.08288  (09121808)                566510.46   4191274.22
168.39616  (09121808)
        566530.46   4191274.22      157.10419  (09121808)                566550.46   4191274.22
138.99349  (09121808)
        566570.46   4191274.22      116.67205  (09121808)                565570.46   4191294.22
15.40473  (09120916)
        565590.46   4191294.22       16.29751  (09120916)                565610.46   4191294.22
17.08611  (09120916)
        565630.46   4191294.22       17.77843  (09120916)                565650.46   4191294.22
18.35625  (09120916)
        565670.46   4191294.22       18.79052  (09120916)                565690.46   4191294.22
20.37861  (10121616)
```



```
                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP:  SLINE1   ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002    , L0000003    ,
L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010    , L0000011    ,
L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018    , L0000019    ,
L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026    , L0000027    ,
L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***
```

** CONC OF PM_2.5 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
565710.46	4191294.22	22.28330	(10121616)	565730.46	4191294.22	24.13456	(10121616)
565750.46	4191294.22	25.85365	(10121616)	565770.46	4191294.22	27.38225	(10121616)
565790.46	4191294.22	28.66135	(10121616)	565810.46	4191294.22	29.63403	(10121616)
565830.46	4191294.22	30.25801	(10121616)	565850.46	4191294.22	30.42660	(10121616)
565870.46	4191294.22	30.16216	(10121616)	565890.46	4191294.22	29.42272	(10121616)
565910.46	4191294.22	28.19368	(10121616)	565930.46	4191294.22	26.74851	(13032108)
565950.46	4191294.22	27.01881	(12120516)	565970.46	4191294.22	28.46553	(12120516)
565990.46	4191294.22	29.32148	(12120516)	566010.46	4191294.22	29.53316	(12120516)
566030.46	4191294.22	29.10199	(12120516)	566050.46	4191294.22	28.09221	(12120516)
566070.46	4191294.22	28.87172	(10112516)	566090.46	4191294.22	30.50487	(10112516)
566110.46	4191294.22	31.58865	(10112516)	566130.46	4191294.22	35.51569	(09120816)
566150.46	4191294.22	39.29613	(09120816)	566170.46	4191294.22	42.06777	(09120816)
566190.46	4191294.22	43.61592	(09120816)	566210.46	4191294.22	43.83562	(09120816)
566230.46	4191294.22	42.71038	(09120816)	566250.46	4191294.22	86.79783	(12011608)
566270.46	4191294.22	256.10075	(12011608)	566290.46	4191294.22	275.56627	(12011608)
566310.46	4191294.22	248.64408	(12011608)	566330.46	4191294.22	210.73662	(13011108)
566350.46	4191294.22	216.46173	(13011108)	566370.46	4191294.22	223.35031	(13011108)
566390.46	4191294.22	217.50773	(13011108)	566410.46	4191294.22	192.44398	(13011108)
566430.46	4191294.22	178.74348	(10121508)	566450.46	4191294.22	176.93523	(10121508)
566470.46	4191294.22	174.84796	(09121808)	566490.46	4191294.22	176.35922	(09121808)
566510.46	4191294.22	168.33180	(09121808)	566530.46	4191294.22	152.12113	(09121808)
566550.46	4191294.22	130.22321	(09121808)	566570.46	4191294.22	105.65009	(09121808)
565570.46	4191314.22	15.89274	(11121216)	565590.46	4191314.22	16.29696	(09120916)
565610.46	4191314.22	17.25050	(09120916)	565630.46	4191314.22	18.12314	(09120916)
565650.46	4191314.22	18.88526	(09120916)	565670.46	4191314.22	19.50549	(09120916)
565690.46	4191314.22	19.98661	(10121616)	565710.46	4191314.22	22.06643	(10121616)
565730.46	4191314.22	24.13828	(10121616)	565750.46	4191314.22		

26.11160 (10121616)
        565770.46   4191314.22   27.92738 (10121616)   565790.46   4191314.22
29.52044 (10121616)
        565810.46   4191314.22   30.81924 (10121616)   565830.46   4191314.22
31.78089 (10121616)
        565850.46   4191314.22   32.29902 (10121616)   565870.46   4191314.22
32.34028 (10121616)
        565890.46   4191314.22   31.85322 (10121616)   565910.46   4191314.22
30.82910 (10121616)
        565930.46   4191314.22   29.32701 (10121616)   565950.46   4191314.22
28.43699 (13032108)
        565970.46   4191314.22   29.74994 (12120516)   565990.46   4191314.22
30.89937 (12120516)
        566010.46   4191314.22   31.35608 (12120516)   566030.46   4191314.22
31.09207 (12120516)
        566050.46   4191314.22   30.13608 (12120516)   566070.46   4191314.22
30.35265 (10112516)
        566090.46   4191314.22   32.22203 (10112516)   566110.46   4191314.22
33.49532 (10112516)
        566130.46   4191314.22   37.61289 (09120816)   566150.46   4191314.22
41.72153 (09120816)
        566170.46   4191314.22   44.71090 (09120816)   566190.46   4191314.22
46.33618 (09120816)
        566210.46   4191314.22   46.48829 (09120816)   566230.46   4191314.22
45.25655 (09120816)
        566250.46   4191314.22   90.11579 (12011608)   566270.46   4191314.22
264.57366 (12011608)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: SLINE1   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002   , L0000003   ,
L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010   , L0000011   ,
L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018   , L0000019   ,
L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026   , L0000027   ,
L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)
CONC   (YYMMDDHH)
 -
- - - - - - - - - - - - - - -
        566290.46   4191314.22   286.23389 (12011608)   566310.46   4191314.22
260.15818 (12011608)
        566330.46   4191314.22   233.76201 (13011108)   566350.46   4191314.22
230.75595 (13011108)
        566370.46   4191314.22   227.58541 (13011108)   566390.46   4191314.22
214.62130 (13011108)

566410.46 4191314.22 184.68831 (13011108) 566430.46 4191314.22
182.08119 (10121508)
566450.46 4191314.22 176.76757 (10121508) 566470.46 4191314.22
182.78330 (09121808)
566490.46 4191314.22 178.83794 (09121808) 566510.46 4191314.22
165.30937 (09121808)
566530.46 4191314.22 144.49336 (09121808) 566550.46 4191314.22
119.49225 (09121808)
566570.46 4191314.22 93.53886 (09121808) 565570.46 4191334.22
17.40458 (11121216)
565590.46 4191334.22 17.07227 (11121216) 565610.46 4191334.22
17.26629 (09120916)
565630.46 4191334.22 18.32112 (09120916) 565650.46 4191334.22
19.27436 (09120916)
565670.46 4191334.22 20.09323 (09120916) 565690.46 4191334.22
20.75283 (09120916)
565710.46 4191334.22 21.69369 (10121616) 565730.46 4191334.22
23.97837 (10121616)
565750.46 4191334.22 26.20451 (10121616) 565770.46 4191334.22
28.32049 (10121616)
565790.46 4191334.22 30.24662 (10121616) 565810.46 4191334.22
31.89315 (10121616)
565830.46 4191334.22 33.21665 (10121616) 565850.46 4191334.22
34.14721 (10121616)
565870.46 4191334.22 34.55037 (10121616) 565890.46 4191334.22
34.37404 (10121616)
565910.46 4191334.22 33.62080 (10121616) 565930.46 4191334.22
32.33250 (10121616)
565950.46 4191334.22 30.58263 (13032108) 565970.46 4191334.22
31.04767 (12120516)
565990.46 4191334.22 32.55502 (12120516) 566010.46 4191334.22
33.31972 (12120516)
566030.46 4191334.22 33.27568 (12120516) 566050.46 4191334.22
32.37794 (12120516)
566070.46 4191334.22 31.94898 (10112516) 566090.46 4191334.22
34.08760 (10112516)
566110.46 4191334.22 35.57460 (10112516) 566130.46 4191334.22
39.88203 (09120816)
566150.46 4191334.22 44.35141 (09120816) 566170.46 4191334.22
47.60482 (09120816)
566190.46 4191334.22 49.32187 (09120816) 566210.46 4191334.22
49.39050 (09120816)
566230.46 4191334.22 48.17408 (09120816) 566250.46 4191334.22
82.58225 (12011608)
566270.46 4191334.22 261.49258 (12011608) 566290.46 4191334.22
295.80344 (12011608)
566310.46 4191334.22 276.61603 (12011608) 566330.46 4191334.22
266.40555 (13011108)
566350.46 4191334.22 253.85983 (13011108) 566370.46 4191334.22
234.97987 (13011108)
566390.46 4191334.22 210.08904 (13011108) 566410.46 4191334.22
180.06887 (10121508)
566430.46 4191334.22 182.56994 (10121508) 566450.46 4191334.22
185.48815 (09121808)
566470.46 4191334.22 187.96925 (09121808) 566490.46 4191334.22
178.14819 (09121808)
566510.46 4191334.22 159.25098 (09121808) 566530.46 4191334.22
134.41916 (09121808)
566550.46 4191334.22 107.19464 (09121808) 566570.46 4191334.22
80.81365 (09121808)
565570.46 4191354.22 18.85415 (11121216) 565590.46 4191354.22

18.68455 (11121216)
        565610.46   4191354.22   18.36299 (11121216)   565630.46   4191354.22
18.32181 (09120916)
        565650.46   4191354.22   19.46980 (09120916)   565670.46   4191354.22
20.50527 (09120916)
        565690.46   4191354.22   21.39996 (09120916)   565710.46   4191354.22
22.13871 (09120916)
        565730.46   4191354.22   23.63780 (10121616)   565750.46   4191354.22
26.10868 (10121616)
        565770.46   4191354.22   28.52498 (10121616)   565790.46   4191354.22
30.80119 (10121616)
        565810.46   4191354.22   32.82544 (10121616)   565830.46   4191354.22
34.54916 (10121616)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: SLINE1   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002   , L0000003   ,
L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010   , L0000011   ,
L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018   , L0000019   ,
L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026   , L0000027   ,
L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)
CONC   (YYMMDDHH)
 -
- - - - - - - - - - - - - -
        565850.46   4191354.22   35.91776 (10121616)   565870.46   4191354.22
36.77762 (10121616)
        565890.46   4191354.22   37.00289 (10121616)   565910.46   4191354.22
36.55684 (10121616)
        565930.46   4191354.22   35.51243 (10121616)   565950.46   4191354.22
33.75445 (10121616)
        565970.46   4191354.22   32.60250 (13032108)   565990.46   4191354.22
34.27833 (12120516)
        566010.46   4191354.22   35.42914 (12120516)   566030.46   4191354.22
35.69312 (12120516)
        566050.46   4191354.22   35.03252 (12120516)   566070.46   4191354.22
33.79918 (10112516)
        566090.46   4191354.22   36.17293 (10112516)   566110.46   4191354.22
37.91121 (10112516)
        566130.46   4191354.22   42.49161 (09120816)   566150.46   4191354.22
47.28533 (09120816)
        566170.46   4191354.22   50.70238 (09120816)   566190.46   4191354.22
52.54973 (09120816)
        566210.46   4191354.22   52.56232 (09120816)   566230.46   4191354.22
52.02093 (09120816)

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        566250.46   4191354.22      123.79791  (12011608)                566270.46   4191354.22
263.67222  (12011608)
        566290.46   4191354.22      300.87462  (12011608)                566310.46   4191354.22
298.27537  (13011108)
        566330.46   4191354.22      296.04567  (13011108)                566350.46   4191354.22
274.03131  (13011108)
        566370.46   4191354.22      243.22914  (13011108)                566390.46   4191354.22
206.90156  (13011108)
        566410.46   4191354.22      185.11173  (10121508)                566430.46   4191354.22
183.75754  (09121808)
        566450.46   4191354.22      192.98966  (09121808)                566470.46   4191354.22
189.96765  (09121808)
        566490.46   4191354.22      174.12932  (09121808)                566510.46   4191354.22
150.27530  (09121808)
        566530.46   4191354.22      122.25526  (09121808)                566550.46   4191354.22
93.82357  (09121808)
        566570.46   4191354.22       81.16706  (13011008)                565570.46   4191374.22
20.20548  (11121216)
        565590.46   4191374.22       20.23148  (11121216)                565610.46   4191374.22
20.09274  (11121216)
        565630.46   4191374.22       19.80003  (11121216)                565650.46   4191374.22
19.48299  (09120916)
        565670.46   4191374.22       20.74290  (09120916)                565690.46   4191374.22
21.88998  (09120916)
        565710.46   4191374.22       22.89073  (09120916)                565730.46   4191374.22
23.69705  (09120916)
        565750.46   4191374.22       25.80737  (10121616)                565770.46   4191374.22
28.51891  (10121616)
        565790.46   4191374.22       31.14541  (10121616)                565810.46   4191374.22
33.57792  (10121616)
        565830.46   4191374.22       35.74031  (10121616)                565850.46   4191374.22
37.59453  (10121616)
        565870.46   4191374.22       38.95797  (10121616)                565890.46   4191374.22
39.65561  (10121616)
        565910.46   4191374.22       39.61343  (10121616)                565930.46   4191374.22
38.90790  (10121616)
        565950.46   4191374.22       37.40945  (10121616)                565970.46   4191374.22
35.28140  (13032108)
        565990.46   4191374.22       36.06716  (12120516)                566010.46   4191374.22
37.68754  (12120516)
        566030.46   4191374.22       38.33665  (12120516)                566050.46   4191374.22
37.97029  (12120516)
        566070.46   4191374.22       36.53180  (12120516)                566090.46   4191374.22
38.64663  (10112516)
        566110.46   4191374.22       40.67053  (10112516)                566130.46   4191374.22
45.54409  (09120816)
        566150.46   4191374.22       50.68427  (09120816)                566170.46   4191374.22
54.26880  (09120816)
        566190.46   4191374.22       56.13913  (09120816)                566210.46   4191374.22
56.03953  (09120816)
        566230.46   4191374.22       55.90280  (09120816)                566250.46   4191374.22
161.61844  (12011608)
        566270.46   4191374.22      271.19744  (12011608)                566290.46   4191374.22
305.73517  (12011608)
        566310.46   4191374.22      322.09905  (13011108)                566330.46   4191374.22
321.15587  (13011108)
        566350.46   4191374.22      292.65124  (13011108)                566370.46   4191374.22
251.53931  (13011108)
        566390.46   4191374.22      204.16958  (13011108)                566410.46   4191374.22
188.96022  (10121508)
↑ *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE1 ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
566430.46	4191374.22	192.53315	(09121808)	566450.46	4191374.22	196.76949	(09121808)
566470.46	4191374.22	187.96942	(09121808)	566490.46	4191374.22	166.68429	(09121808)
566510.46	4191374.22	138.62458	(09121808)	566530.46	4191374.22	108.49015	(09121808)
566550.46	4191374.22	83.78267	(13011008)	566570.46	4191374.22	93.98528	(13011008)
565570.46	4191394.22	21.40622	(11121216)	565590.46	4191394.22	21.65686	(11121216)
565610.46	4191394.22	21.74028	(11121216)	565630.46	4191394.22	21.65944	(11121216)
565650.46	4191394.22	21.40022	(11121216)	565670.46	4191394.22	20.94752	(11121216)
565690.46	4191394.22	22.19127	(09120916)	565710.46	4191394.22	23.45923	(09120916)
565730.46	4191394.22	24.54810	(09120916)	565750.46	4191394.22	25.42891	(09120916)
565770.46	4191394.22	28.27783	(10121616)	565790.46	4191394.22	31.24937	(10121616)
565810.46	4191394.22	34.11155	(10121616)	565830.46	4191394.22	36.74632	(10121616)
565850.46	4191394.22	39.12655	(10121616)	565870.46	4191394.22	41.04456	(10121616)
565890.46	4191394.22	42.28974	(10121616)	565910.46	4191394.22	42.76051	(10121616)
565930.46	4191394.22	42.50279	(10121616)	565950.46	4191394.22	41.36666	(10121616)
565970.46	4191394.22	39.33159	(10121616)	565990.46	4191394.22	37.90764	(12120516)
566010.46	4191394.22	40.09637	(12120516)	566030.46	4191394.22	41.21883	(12120516)
566050.46	4191394.22	41.21644	(12120516)	566070.46	4191394.22	40.05707	(12120516)

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        566090.46   4191394.22       41.50752  (10112516)                566110.46   4191394.22
43.76231  (10112516)
        566130.46   4191394.22       48.93271  (09120816)                566150.46   4191394.22
54.61425  (09120816)
        566170.46   4191394.22       58.30961  (09120816)                566190.46   4191394.22
60.14797  (09120816)
        566210.46   4191394.22       59.86171  (09120816)                566230.46   4191394.22
59.19437  (09120816)
        566250.46   4191394.22      187.01988  (12011608)                566270.46   4191394.22
289.22038  (12011608)
        566290.46   4191394.22      316.95794  (12011608)                566310.46   4191394.22
342.33072  (13011108)
        566330.46   4191394.22      339.76804  (13011108)                566350.46   4191394.22
307.87912  (13011108)
        566370.46   4191394.22      259.43481  (13011108)                566390.46   4191394.22
208.63381  (10121508)
        566410.46   4191394.22      194.75988  (09121808)                566430.46   4191394.22
196.91465  (09121808)
        566450.46   4191394.22      194.97053  (09121808)                566470.46   4191394.22
181.14147  (09121808)
        566490.46   4191394.22      155.69521  (09121808)                566510.46   4191394.22
124.90234  (09121808)
        566530.46   4191394.22       93.75115  (09121808)                566550.46   4191394.22
97.56971  (13011008)
        566570.46   4191394.22      106.88851  (13011008)                565570.46   4191414.22
22.40808  (11121216)
        565590.46   4191414.22       22.90684  (11121216)                565610.46   4191414.22
23.25432  (11121216)
        565630.46   4191414.22       23.43508  (11121216)                565650.46   4191414.22
23.43527  (11121216)
        565670.46   4191414.22       23.23219  (11121216)                565690.46   4191414.22
22.79830  (11121216)
        565710.46   4191414.22       23.81958  (09120916)                565730.46   4191414.22
25.21218  (09120916)
        565750.46   4191414.22       26.42771  (09120916)                565770.46   4191414.22
27.79183  (10121616)
        565790.46   4191414.22       31.08542  (10121616)                565810.46   4191414.22
34.36617  (10121616)
        565830.46   4191414.22       37.54055  (10121616)                565850.46   4191414.22
40.45004  (10121616)
        565870.46   4191414.22       42.96715  (10121616)                565890.46   4191414.22
44.84756  (10121616)
        565910.46   4191414.22       45.93460  (10121616)                565930.46   4191414.22
46.22404  (10121616)
        565950.46   4191414.22       45.58222  (10121616)                565970.46   4191414.22
43.87639  (10121616)
* *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 272
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP:  SLINE1   ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002    , L0000003    ,
L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010    , L0000011    ,
L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018    , L0000019    ,
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L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 ,
L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
565990.46	4191414.22	41.28177	(10121616)	566010.46	4191414.22	42.56904	(12120516)
566030.46	4191414.22	44.34556	(12120516)	566050.46	4191414.22	44.86868	(12120516)
566070.46	4191414.22	44.11883	(12120516)	566090.46	4191414.22	44.52546	(10112516)
566110.46	4191414.22	46.87838	(10112516)	566130.46	4191414.22	54.86968	(09120816)
566150.46	4191414.22	124.58200	(12011608)	566170.46	4191414.22	130.89081	(12011608)
566190.46	4191414.22	69.06942	(09120816)	566210.46	4191414.22	67.31708	(09120816)
566230.46	4191414.22	76.22745	(13011108)	566250.46	4191414.22	238.33354	(12011608)
566270.46	4191414.22	313.72813	(12011608)	566290.46	4191414.22	340.26244	(13011108)
566310.46	4191414.22	361.89582	(13011108)	566330.46	4191414.22	353.47073	(13011108)
566350.46	4191414.22	311.92863	(13011108)	566370.46	4191414.22	250.97871	(13011108)
566390.46	4191414.22	213.74360	(10121508)	566410.46	4191414.22	205.73120	(09121808)
566430.46	4191414.22	201.77731	(09121808)	566450.46	4191414.22	191.78118	(09121808)
566470.46	4191414.22	172.06166	(09121808)	566490.46	4191414.22	142.93153	(09121808)
566510.46	4191414.22	110.05554	(09121808)	566530.46	4191414.22	101.38265	(13011008)
566550.46	4191414.22	111.53669	(13011008)	566570.46	4191414.22	119.23670	(13011008)
565570.46	4191434.22	23.15021	(11121216)	565590.46	4191434.22	23.91778	(11121216)
565610.46	4191434.22	24.56281	(11121216)	565630.46	4191434.22	25.04592	(11121216)
565650.46	4191434.22	25.35187	(11121216)	565670.46	4191434.22	25.44918	(11121216)
565690.46	4191434.22	25.29991	(11121216)	565710.46	4191434.22	24.86743	(11121216)
565730.46	4191434.22	25.62819	(09120916)	565750.46	4191434.22	27.19095	(09120916)
565770.46	4191434.22	28.52270	(09120916)	565790.46	4191434.22	30.63699	(10121616)
565810.46	4191434.22	34.33017	(10121616)	565830.46	4191434.22	38.00970	(10121616)
565850.46	4191434.22	41.50161	(10121616)	565870.46	4191434.22	44.69269	(10121616)
565890.46	4191434.22	47.28660	(10121616)	565910.46	4191434.22	49.08611	(10121616)

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        565930.46   4191434.22       50.06693  (10121616)                565950.46   4191434.22
50.04820  (10121616)
        565970.46   4191434.22       48.82584  (10121616)                565990.46   4191434.22
46.57046  (10121616)
        566010.46   4191434.22       45.16431  (12120516)                566030.46   4191434.22
47.71703  (12120516)
        566050.46   4191434.22       48.86930  (12120516)                566070.46   4191434.22
48.46634  (12120516)
        566090.46   4191434.22       47.55190  (10112516)                566110.46   4191434.22
56.52616  (12011608)
        566130.46   4191434.22      150.23807  (10122208)                566150.46   4191434.22
181.86726  (13112908)
        566170.46   4191434.22      219.27468  (12011608)                566190.46   4191434.22
267.74376  (12011608)
        566210.46   4191434.22      293.48618  (12011608)                566230.46   4191434.22
305.01249  (12011608)
        566250.46   4191434.22      336.02565  (12011608)                566270.46   4191434.22
361.99242  (12011608)
        566290.46   4191434.22      362.80952  (13011108)                566310.46   4191434.22
370.94447  (13011108)
        566330.46   4191434.22      350.95653  (13011108)                566350.46   4191434.22
299.63845  (13011108)
        566370.46   4191434.22      232.08706  (13011108)                566390.46   4191434.22
214.85898  (09121808)
        566410.46   4191434.22      213.53921  (09121808)                566430.46   4191434.22
204.89820  (09121808)
        566450.46   4191434.22      187.29326  (09121808)                566470.46   4191434.22
161.15952  (09121808)
        566490.46   4191434.22      128.48699  (09121808)                566510.46   4191434.22
105.40362  (13011008)
        566530.46   4191434.22      116.50343  (13011008)                566550.46   4191434.22
124.94015  (13011008)
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP:  SLINE1   ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002    , L0000003    ,
L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010    , L0000011    ,
L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018    , L0000019    ,
L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026    , L0000027    ,
L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)
CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - -
        566570.46   4191434.22      130.23226  (13011008)                565570.46   4191454.22
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23.58777 (11121216)
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25.59865 (11121216)
565630.46 4191454.22 26.41508 (11121216) 565650.46 4191454.22
27.06481 (11121216)
565670.46 4191454.22 27.51067 (11121216) 565690.46 4191454.22
27.70631 (11121216)
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27.18889 (11121216)
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29.40253 (09120916)
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33.97237 (10121616)
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42.21811 (10121616)
565870.46 4191454.22 46.15172 (10121616) 565890.46 4191454.22
49.53680 (10121616)
565910.46 4191454.22 52.14477 (10121616) 565930.46 4191454.22
53.97332 (10121616)
565950.46 4191454.22 54.72466 (10121616) 565970.46 4191454.22
54.17094 (10121616)
565990.46 4191454.22 52.45618 (10121616) 566010.46 4191454.22
49.56727 (10121616)
566030.46 4191454.22 51.31492 (12120516) 566050.46 4191454.22
53.15794 (12120516)
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55.53149 (12011608)
566110.46 4191454.22 195.94549 (10122208) 566130.46 4191454.22
187.97889 (10122208)
566150.46 4191454.22 184.17752 (13112908) 566170.46 4191454.22
196.56029 (13112908)
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295.61878 (12011608)
566230.46 4191454.22 344.49041 (12011608) 566250.46 4191454.22
369.14238 (12011608)
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320.79800 (13011108)
566310.46 4191454.22 326.56190 (13011108) 566330.46 4191454.22
309.52715 (13011108)
566350.46 4191454.22 266.56341 (13011108) 566370.46 4191454.22
226.76571 (10121508)
566390.46 4191454.22 224.73252 (09121808) 566410.46 4191454.22
222.20838 (09121808)
566430.46 4191454.22 207.53672 (09121808) 566450.46 4191454.22
181.37728 (09121808)
566470.46 4191454.22 147.64985 (09121808) 566490.46 4191454.22
111.08544 (09121808)
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131.03310 (13011008)
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138.97986 (13011008)
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25.01757 (11121216)
565610.46 4191474.22 26.29989 (11121216) 565630.46 4191474.22
27.46155 (11121216)
565650.46 4191474.22 28.48002 (11121216) 565670.46 4191474.22
29.30160 (11121216)
565690.46 4191474.22 29.87848 (11121216) 565710.46 4191474.22
30.18298 (11121216)
565730.46 4191474.22 30.17524 (11121216) 565750.46 4191474.22
29.83148 (11121216)

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        565770.46   4191474.22       29.97922  (09120916)                565790.46   4191474.22
31.96201  (09120916)
        565810.46   4191474.22       33.72009  (09120916)                565830.46   4191474.22
37.86741  (10121616)
        565850.46   4191474.22       42.64587  (10121616)                565870.46   4191474.22
47.30417  (10121616)
        565890.46   4191474.22       51.47105  (10121616)                565910.46   4191474.22
54.94795  (10121616)
        565930.46   4191474.22       57.76350  (10121616)                565950.46   4191474.22
59.54291  (10121616)
        565970.46   4191474.22       59.91264  (10121616)                565990.46   4191474.22
59.01537  (10121616)
        566010.46   4191474.22       56.58522  (10121616)                566030.46   4191474.22
54.91157  (12120516)
        566050.46   4191474.22       57.41675  (12120516)                566070.46   4191474.22
60.64477  (12120516)
        566090.46   4191474.22      216.68173  (10122208)                566110.46   4191474.22
249.34745  (10122208)
 *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 274
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP:  SLINE1   ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002    , L0000003    ,
L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010    , L0000011    ,
L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018    , L0000019    ,
L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026    , L0000027    ,
L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)
CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
        566130.46   4191474.22      196.17461  (10122208)                566150.46   4191474.22
175.33525  (12011609)
        566170.46   4191474.22      182.98422  (13112908)                566190.46   4191474.22
207.01876  (12011608)
        566210.46   4191474.22      254.75008  (12011608)                566230.46   4191474.22
297.10201  (12011608)
        566250.46   4191474.22      320.36631  (12011608)                566270.46   4191474.22
304.17180  (12011608)
        566290.46   4191474.22      300.91696  (13011108)                566310.46   4191474.22
310.03064  (13011108)
        566330.46   4191474.22      291.87827  (13011108)                566350.46   4191474.22
249.45315  (13011108)
        566370.46   4191474.22      234.13333  (09121808)                566390.46   4191474.22
238.74842  (09121808)
        566410.46   4191474.22      229.44102  (09121808)                566430.46   4191474.22
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204.66320 (09121808)
566450.46 4191474.22 168.91399 (09121808) 566470.46 4191474.22
129.25991 (09121808)
566490.46 4191474.22 127.43364 (13011008) 566510.46 4191474.22
137.60073 (13011008)
566530.46 4191474.22 143.98223 (13011008) 566550.46 4191474.22
146.29317 (13011008)
566570.46 4191474.22 144.60151 (13011008) 565570.46 4191494.22
23.45803 (11121216)
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26.62094 (11121216)
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31.75629 (11121216)
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34.99352 (09120916)
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42.62225 (10121616)
565870.46 4191494.22 48.00217 (10121616) 565890.46 4191494.22
53.02916 (10121616)
565910.46 4191494.22 57.53473 (10121616) 565930.46 4191494.22
61.51608 (10121616)
565950.46 4191494.22 64.48244 (10121616) 565970.46 4191494.22
66.02547 (10121616)
565990.46 4191494.22 66.13223 (10121616) 566010.46 4191494.22
64.29133 (10121616)
566030.46 4191494.22 60.32387 (10121616) 566050.46 4191494.22
62.19878 (12120516)
566070.46 4191494.22 137.91466 (10122208) 566090.46 4191494.22
301.36945 (10122208)
566110.46 4191494.22 271.67676 (10122208) 566130.46 4191494.22
193.80213 (10122208)
566150.46 4191494.22 170.21169 (12011609) 566170.46 4191494.22
177.62983 (13112908)
566190.46 4191494.22 200.57950 (12011608) 566210.46 4191494.22
252.37590 (12011608)
566230.46 4191494.22 295.99208 (12011608) 566250.46 4191494.22
316.58380 (12011608)
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317.95409 (13011108)
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290.76796 (13011108)
566350.46 4191494.22 254.55216 (10121508) 566370.46 4191494.22
252.66893 (09121808)
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228.92526 (09121808)
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150.99497 (09121808)
566470.46 4191494.22 133.49807 (13011008) 566490.46 4191494.22
144.78084 (13011008)
566510.46 4191494.22 151.79444 (13011008) 566530.46 4191494.22
154.27488 (13011008)
566550.46 4191494.22 152.32486 (13011008) 566570.46 4191494.22
146.39593 (13011008)
565570.46 4191514.22 22.85879 (11121216) 565590.46 4191514.22
24.67670 (11121216)

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        565610.46   4191514.22       26.52211  (11121216)                565630.46   4191514.22
28.31725  (11121216)
        565650.46   4191514.22       30.08042  (11121216)                565670.46   4191514.22
31.73705  (11121216)
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                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP:  SLINE1   ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002    , L0000003    ,
L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010    , L0000011    ,
L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018    , L0000019    ,
L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026    , L0000027    ,
L0000028    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                        ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)  Y-COORD (M)
CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - -
        565690.46   4191514.22       33.23286  (11121216)                565710.46   4191514.22
34.54301  (11121216)
        565730.46   4191514.22       35.57434  (11121216)                565750.46   4191514.22
36.25048  (11121216)
        565770.46   4191514.22       36.53550  (11121216)                565790.46   4191514.22
36.42388  (11121216)
        565810.46   4191514.22       35.87666  (11121216)                565830.46   4191514.22
38.42706  (09120916)
        565850.46   4191514.22       42.07117  (10121616)                565870.46   4191514.22
48.14660  (10121616)
        565890.46   4191514.22       54.12728  (10121616)                565910.46   4191514.22
59.86088  (10121616)
        565930.46   4191514.22       65.21679  (10121616)                565950.46   4191514.22
69.48038  (10121616)
        565970.46   4191514.22       72.47005  (10121616)                565990.46   4191514.22
73.71096  (10121616)
        566010.46   4191514.22       72.61702  (10121616)                566030.46   4191514.22
69.03925  (10121616)
        566050.46   4191514.22       69.18483  (12120516)                566070.46   4191514.22
300.57946  (11120608)
        566090.46   4191514.22      343.67854  (10122208)                566110.46   4191514.22
276.73946  (10122208)
        566130.46   4191514.22      187.01247  (10122208)                566150.46   4191514.22
166.92489  (10121309)
        566170.46   4191514.22      182.43626  (13112908)                566190.46   4191514.22
208.34450  (12011608)
        566210.46   4191514.22      266.22642  (12011608)                566230.46   4191514.22
312.97962  (12011608)
        566250.46   4191514.22      331.65683  (12011608)                566270.46   4191514.22
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314.01625 (12011608)
566290.46 4191514.22 332.48386 (13011108) 566310.46 4191514.22
324.97862 (13011108)
566330.46 4191514.22 283.43382 (13011108) 566350.46 4191514.22
267.31300 (10121508)
566370.46 4191514.22 269.31626 (09121808) 566390.46 4191514.22
252.48552 (09121808)
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175.69725 (09121808)
566450.46 4191514.22 140.06516 (13011008) 566470.46 4191514.22
152.59126 (13011008)
566490.46 4191514.22 160.42214 (13011008) 566510.46 4191514.22
163.11239 (13011008)
566530.46 4191514.22 160.81688 (13011008) 566550.46 4191514.22
154.11365 (13011008)
566570.46 4191514.22 143.85332 (13011008) 565570.46 4191534.22
21.88552 (11121216)
565590.46 4191534.22 23.86151 (11121216) 565610.46 4191534.22
25.90196 (11121216)
565630.46 4191534.22 27.98627 (11121216) 565650.46 4191534.22
30.08766 (11121216)
565670.46 4191534.22 32.15504 (11121216) 565690.46 4191534.22
34.14332 (11121216)
565710.46 4191534.22 36.01154 (11121216) 565730.46 4191534.22
37.65755 (11121216)
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39.91312 (11121216)
565790.46 4191534.22 40.45890 (11121216) 565810.46 4191534.22
40.54000 (11121216)
565830.46 4191534.22 40.04040 (11121216) 565850.46 4191534.22
42.61867 (09120916)
565870.46 4191534.22 47.66908 (10121616) 565890.46 4191534.22
54.61677 (10121616)
565910.46 4191534.22 61.61854 (10121616) 565930.46 4191534.22
68.48595 (10121616)
565950.46 4191534.22 74.25004 (10121616) 565970.46 4191534.22
78.71029 (10121616)
565990.46 4191534.22 81.38141 (10121616) 566010.46 4191534.22
81.57577 (10121616)
566030.46 4191534.22 78.83119 (10121616) 566050.46 4191534.22
111.93328 (11120608)
566070.46 4191534.22 403.32444 (11120608) 566090.46 4191534.22
364.17250 (10122208)
566110.46 4191534.22 274.43137 (10122208) 566130.46 4191534.22
190.34495 (10122208)
566150.46 4191534.22 172.22255 (10121309) 566170.46 4191534.22
192.85528 (13112908)
566190.46 4191534.22 220.10230 (12011608) 566210.46 4191534.22
282.51834 (12011608)
566230.46 4191534.22 329.63339 (12011608) 566250.46 4191534.22
343.76821 (12011608)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE1 ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
566270.46	4191534.22	330.09334	(13011108)	566290.46	4191534.22	346.91856	(13011108)
566310.46	4191534.22	326.55550	(13011108)	566330.46	4191534.22	286.71495	(10121508)
566350.46	4191534.22	283.49051	(09121808)	566370.46	4191534.22	274.92995	(09121808)
566390.46	4191534.22	246.18870	(09121808)	566410.46	4191534.22	203.24223	(09121808)
566430.46	4191534.22	154.54341	(09121808)	566450.46	4191534.22	161.27027	(13011008)
566470.46	4191534.22	169.97740	(13011008)	566490.46	4191534.22	172.95031	(13011008)
566510.46	4191534.22	170.29569	(13011008)	566530.46	4191534.22	162.67264	(13011008)
566550.46	4191534.22	151.13705	(13011008)	566570.46	4191534.22	136.87570	(13011008)
565570.46	4191554.22	20.56087	(11121216)	565590.46	4191554.22	22.63938	(11121216)
565610.46	4191554.22	24.82805	(11121216)	565630.46	4191554.22	27.13629	(11121216)
565650.46	4191554.22	29.52364	(11121216)	565670.46	4191554.22	31.96022	(11121216)
565690.46	4191554.22	34.41057	(11121216)	565710.46	4191554.22	36.82302	(11121216)
565730.46	4191554.22	39.11313	(11121216)	565750.46	4191554.22	41.12276	(11121216)
565770.46	4191554.22	42.82666	(11121216)	565790.46	4191554.22	44.15617	(11121216)
565810.46	4191554.22	45.02571	(11121216)	565830.46	4191554.22	45.33960	(11121216)
565850.46	4191554.22	45.10528	(11121216)	565870.46	4191554.22	47.42005	(09120916)
565890.46	4191554.22	54.41986	(10121616)	565910.46	4191554.22	62.71547	(10121616)
565930.46	4191554.22	71.13019	(10121616)	565950.46	4191554.22	78.55520	(10121616)
565970.46	4191554.22	84.68447	(10121616)	565990.46	4191554.22	89.21033	(10121616)
566010.46	4191554.22	91.21687	(10121616)	566030.46	4191554.22	90.57473	(10121616)
566050.46	4191554.22	399.05321	(11120608)	566070.46	4191554.22	463.08279	(11120608)
566090.46	4191554.22	369.70905	(10122208)	566110.46	4191554.22		

282.89098 (10122208)
        566130.46   4191554.22   208.89761 (10122208)   566150.46   4191554.22
184.34873 (10121309)
        566170.46   4191554.22   204.19021 (13112908)   566190.46   4191554.22
235.91051 (12011608)
        566210.46   4191554.22   304.27231 (12011608)   566230.46   4191554.22
349.81083 (12011608)
        566250.46   4191554.22   356.32213 (12011608)   566270.46   4191554.22
353.78669 (13011108)
        566290.46   4191554.22   358.32624 (13011108)   566310.46   4191554.22
323.84374 (13011108)
        566330.46   4191554.22   295.01472 (10121508)   566350.46   4191554.22
295.31632 (09121808)
        566370.46   4191554.22   273.60176 (09121808)   566390.46   4191554.22
233.16160 (09121808)
        566410.46   4191554.22   182.40183 (09121808)   566430.46   4191554.22
170.91072 (13011008)
        566450.46   4191554.22   180.72556 (13011008)   566470.46   4191554.22
183.98776 (13011008)
        566490.46   4191554.22   180.88668 (13011008)   566510.46   4191554.22
172.22970 (13011008)
        566530.46   4191554.22   159.19251 (13011008)   566550.46   4191554.22
143.22621 (13011008)
        566570.46   4191554.22   141.15956 (12010208)   565570.46   4191574.22
19.72304 (12011216)
        565590.46   4191574.22   21.33621 (12011216)   565610.46   4191574.22
23.33327 (11121216)
        565630.46   4191574.22   25.77711 (11121216)   565650.46   4191574.22
28.37839 (11121216)
        565670.46   4191574.22   31.11735 (11121216)   565690.46   4191574.22
33.95784 (11121216)
        565710.46   4191574.22   36.86009 (11121216)   565730.46   4191574.22
39.79000 (11121216)
        565750.46   4191574.22   42.53734 (11121216)   565770.46   4191574.22
45.06740 (11121216)
        565790.46   4191574.22   47.29678 (11121216)   565810.46   4191574.22
49.10383 (11121216)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: SLINE1   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002   , L0000003   ,
L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010   , L0000011   ,
L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018   , L0000019   ,
L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026   , L0000027   ,
L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
565830.46	4191574.22	50.30388	(11121216)	565850.46	4191574.22	51.03423	(11121216)
565870.46	4191574.22	51.06942	(11121216)	565890.46	4191574.22	53.46388	(10121616)
565910.46	4191574.22	63.01273	(10121616)	565930.46	4191574.22	72.86496	(10121616)
565950.46	4191574.22	82.03595	(10121616)	565970.46	4191574.22	90.04711	(10121616)
565990.46	4191574.22	97.05776	(10121616)	566010.46	4191574.22	101.48478	(10121616)
566030.46	4191574.22	108.33627	(10121616)	566050.46	4191574.22	539.35113	(11120608)
566070.46	4191574.22	501.58666	(11120608)	566090.46	4191574.22	379.98401	(10122208)
566110.46	4191574.22	309.08654	(10122208)	566130.46	4191574.22	239.24416	(10122208)
566150.46	4191574.22	198.92804	(10121309)	566170.46	4191574.22	217.12593	(13112908)
566190.46	4191574.22	258.62617	(12011608)	566210.46	4191574.22	329.80278	(12011608)
566230.46	4191574.22	370.85618	(12011608)	566250.46	4191574.22	368.17438	(12011608)
566270.46	4191574.22	375.43795	(13011108)	566290.46	4191574.22	366.13241	(13011108)
566310.46	4191574.22	317.12688	(10121508)	566330.46	4191574.22	313.33262	(09121808)
566350.46	4191574.22	300.88693	(09121808)	566370.46	4191574.22	265.21304	(09121808)
566390.46	4191574.22	213.93588	(09121808)	566410.46	4191574.22	181.50472	(13011008)
566430.46	4191574.22	192.71368	(13011008)	566450.46	4191574.22	196.43890	(13011008)
566470.46	4191574.22	192.86554	(13011008)	566490.46	4191574.22	182.95912	(13011008)
566510.46	4191574.22	168.19399	(13011008)	566530.46	4191574.22	152.34228	(12010208)
566550.46	4191574.22	150.53111	(12010208)	566570.46	4191574.22	145.92061	(12010208)
565570.46	4191594.22	19.39280	(11121514)	565590.46	4191594.22	20.44838	(12011216)
565610.46	4191594.22	22.29227	(12011216)	565630.46	4191594.22	24.20918	(12011216)
565650.46	4191594.22	26.74014	(11121216)	565670.46	4191594.22	29.66320	(11121216)
565690.46	4191594.22	32.77498	(11121216)	565710.46	4191594.22	36.06738	(11121216)
565730.46	4191594.22	39.55940	(11121216)	565750.46	4191594.22	43.01206	(11121216)
565770.46	4191594.22	46.37876	(11121216)	565790.46	4191594.22	49.54106	(11121216)
565810.46	4191594.22	52.35954	(11121216)	565830.46	4191594.22	54.70414	(11121216)
565850.46	4191594.22	56.68302	(11121216)	565870.46	4191594.22	58.15259	(11121216)
565890.46	4191594.22	58.77855	(11121216)	565910.46	4191594.22	62.49838	(10121616)
565930.46	4191594.22	73.60986	(10121616)	565950.46	4191594.22		

84.43796 (10121616)
        565970.46   4191594.22   94.87729 (10121616)   565990.46   4191594.22
104.83018 (10121616)
        566010.46   4191594.22   112.09361 (10121616)   566030.46   4191594.22
287.44304 (11120608)
        566050.46   4191594.22   588.90883 (11120608)   566070.46   4191594.22
534.97524 (11120608)
        566090.46   4191594.22   398.04046 (10122208)   566110.46   4191594.22
341.34298 (10122208)
        566130.46   4191594.22   275.00311 (10122208)   566150.46   4191594.22
214.78061 (10121309)
        566170.46   4191594.22   231.58562 (13112908)   566190.46   4191594.22
285.14563 (12011608)
        566210.46   4191594.22   357.41519 (12011608)   566230.46   4191594.22
392.06938 (12011608)
        566250.46   4191594.22   378.96620 (12011608)   566270.46   4191594.22
394.17346 (13011108)
        566290.46   4191594.22   369.78028 (13011108)   566310.46   4191594.22
329.12172 (10121508)
        566330.46   4191594.22   326.99161 (09121808)   566350.46   4191594.22
298.90327 (09121808)
        566370.46   4191594.22   249.38053 (09121808)   566390.46   4191594.22
193.36208 (13011008)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: SLINE1   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002   , L0000003   ,
L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010   , L0000011   ,
L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018   , L0000019   ,
L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026   , L0000027   ,
L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)
CONC   (YYMMDDHH)
 -
- - - - - - - - - - - - - -
        566410.46   4191594.22   206.23523 (13011008)   566430.46   4191594.22
210.53132 (13011008)
        566450.46   4191594.22   206.43044 (13011008)   566470.46   4191594.22
195.08044 (13011008)
        566490.46   4191594.22   178.25537 (13011008)   566510.46   4191594.22
164.10195 (12010208)
        566530.46   4191594.22   160.81577 (12010208)   566550.46   4191594.22
154.46487 (12010208)
        566570.46   4191594.22   145.72856 (12010208)   565570.46   4191614.22
19.58938 (11121514)

565590.46 4191614.22 20.75120 (11121514) 565610.46 4191614.22
21.95756 (11121514)
565630.46 4191614.22 23.20653 (12011216) 565650.46 4191614.22
25.39325 (12011216)
565670.46 4191614.22 27.70240 (12011216) 565690.46 4191614.22
30.93010 (11121216)
565710.46 4191614.22 34.51703 (11121216) 565730.46 4191614.22
38.43294 (11121216)
565750.46 4191614.22 42.48889 (11121216) 565770.46 4191614.22
46.61976 (11121216)
565790.46 4191614.22 50.68747 (11121216) 565810.46 4191614.22
54.57075 (11121216)
565830.46 4191614.22 58.23622 (11121216) 565850.46 4191614.22
61.77263 (11121216)
565870.46 4191614.22 64.99332 (11121216) 565890.46 4191614.22
67.36035 (11121216)
565910.46 4191614.22 68.31692 (11121216) 565930.46 4191614.22
73.09422 (10121616)
565950.46 4191614.22 85.64010 (10121616) 565970.46 4191614.22
98.89915 (10121616)
565990.46 4191614.22 112.15008 (10121616) 566010.46 4191614.22
122.72952 (10121616)
566030.46 4191614.22 454.56370 (13122708) 566050.46 4191614.22
609.55184 (11120608)
566070.46 4191614.22 568.64755 (11120608) 566090.46 4191614.22
450.19424 (11120608)
566110.46 4191614.22 377.10932 (10122208) 566130.46 4191614.22
316.04549 (10122208)
566150.46 4191614.22 232.11547 (10121309) 566170.46 4191614.22
247.98127 (09022708)
566190.46 4191614.22 315.18166 (12011608) 566210.46 4191614.22
386.86931 (12011608)
566230.46 4191614.22 413.15237 (12011608) 566250.46 4191614.22
405.64464 (13011108)
566270.46 4191614.22 409.40031 (13011108) 566290.46 4191614.22
368.74580 (13011108)
566310.46 4191614.22 350.49849 (09121808) 566330.46 4191614.22
333.11659 (09121808)
566350.46 4191614.22 288.41912 (09121808) 566370.46 4191614.22
226.23093 (09121808)
566390.46 4191614.22 221.62736 (13011008) 566410.46 4191614.22
226.62814 (13011008)
566430.46 4191614.22 221.88872 (13011008) 566450.46 4191614.22
208.80020 (13011008)
566470.46 4191614.22 189.52930 (13011008) 566490.46 4191614.22
177.20110 (12010208)
566510.46 4191614.22 172.07184 (12010208) 566530.46 4191614.22
163.61187 (12010208)
566550.46 4191614.22 152.68882 (12010208) 566570.46 4191614.22
142.17736 (13102408)
565570.46 4191634.22 19.46090 (11121514) 565590.46 4191634.22
20.76667 (11121514)
565610.46 4191634.22 22.15091 (11121514) 565630.46 4191634.22
23.57550 (11121514)
565650.46 4191634.22 25.02447 (11121514) 565670.46 4191634.22
26.53765 (12011216)
565690.46 4191634.22 29.24086 (12011216) 565710.46 4191634.22
32.31941 (11121216)
565730.46 4191634.22 36.47121 (11121216) 565750.46 4191634.22
40.95252 (11121216)
565770.46 4191634.22 45.68624 (11121216) 565790.46 4191634.22

50.56975 (11121216)
        565810.46   4191634.22   55.54454 (11121216)   565830.46   4191634.22
60.70370 (11121216)
        565850.46   4191634.22   66.24977 (11121216)   565870.46   4191634.22
71.33508 (11121216)
        565890.46   4191634.22   75.43444 (11121216)   565910.46   4191634.22
78.04677 (11121216)
        565930.46   4191634.22   78.86414 (11121216)   565950.46   4191634.22
85.66669 (10121616)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: SLINE1   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002   , L0000003   ,
L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010   , L0000011   ,
L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018   , L0000019   ,
L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026   , L0000027   ,
L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)
CONC   (YYMMDDHH)
 -
- - - - - - - - - - - - - -
        565970.46   4191634.22   102.05288 (10121616)   565990.46   4191634.22
118.63598 (10121616)
        566010.46   4191634.22   133.10206 (10121616)   566030.46   4191634.22
484.82256 (13122708)
        566050.46   4191634.22   654.20910 (13122708)   566070.46   4191634.22
625.40090 (11120608)
        566090.46   4191634.22   529.41479 (11120608)   566110.46   4191634.22
418.90411 (10122208)
        566130.46   4191634.22   362.32092 (10122208)   566150.46   4191634.22
274.39423 (10122208)
        566170.46   4191634.22   269.09902 (09022708)   566190.46   4191634.22
349.24960 (12011608)
        566210.46   4191634.22   418.12717 (12011608)   566230.46   4191634.22
434.05204 (12011608)
        566250.46   4191634.22   432.96183 (13011108)   566270.46   4191634.22
420.94313 (13011108)
        566290.46   4191634.22   371.59437 (10121508)   566310.46   4191634.22
366.35214 (09121808)
        566330.46   4191634.22   330.25814 (09121808)   566350.46   4191634.22
268.97058 (09121808)
        566370.46   4191634.22   239.29561 (13011008)   566390.46   4191634.22
245.23357 (13011008)
        565570.46   4191654.22   19.08370 (10102815)   565590.46   4191654.22
20.43225 (11121514)

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        565610.46   4191654.22       21.95942  (11121514)                565630.46   4191654.22
23.55816  (11121514)
        565650.46   4191654.22       25.22423  (11121514)                565670.46   4191654.22
26.99039  (11121514)
        565690.46   4191654.22       28.87027  (11121514)                565710.46   4191654.22
30.89683  (12011216)
        565730.46   4191654.22       34.31842  (12011216)                565750.46   4191654.22
38.44495  (11121216)
        565770.46   4191654.22       43.66015  (11121216)                565790.46   4191654.22
49.34042  (11121216)
        565810.46   4191654.22       55.45292  (11121216)                565830.46   4191654.22
62.00025  (11121216)
        566010.46   4191654.22      141.96421  (10121616)                566030.46   4191654.22
172.53547  (10121616)
        566050.46   4191654.22      639.57420  (13122708)                566070.46   4191654.22
714.25385  (11120608)
        566090.46   4191654.22      652.86662  (11120608)                566110.46   4191654.22
496.23193  (11120608)
        566130.46   4191654.22      415.55915  (10122208)                566150.46   4191654.22
326.31646  (10122208)
        566170.46   4191654.22      293.68604  (09022708)                566190.46   4191654.22
387.91515  (12011608)
        566210.46   4191654.22      450.82917  (12011608)                566230.46   4191654.22
454.54777  (12011608)
        566250.46   4191654.22      457.05009  (13011108)                566270.46   4191654.22
428.50344  (13011108)
        566290.46   4191654.22      396.83207  (09121808)                566310.46   4191654.22
373.28532  (09121808)
        565570.46   4191674.22       20.05021  (10102815)                565590.46   4191674.22
20.90909  (10102815)
        565610.46   4191674.22       21.80614  (10102815)                565630.46   4191674.22
23.09234  (11121514)
        565650.46   4191674.22       24.93643  (11121514)                565670.46   4191674.22
26.93341  (11121514)
        565690.46   4191674.22       29.08954  (11121514)                565710.46   4191674.22
31.38624  (11121514)
        565730.46   4191674.22       33.79929  (11121514)                566010.46   4191674.22
148.70946  (10121616)
        566030.46   4191674.22      170.06952  (10121616)                566050.46   4191674.22
196.96946  (10121616)
        566070.46   4191674.22      523.93696  (11120608)                566090.46   4191674.22
798.55824  (11120608)
        566110.46   4191674.22      660.96969  (11120608)                566130.46   4191674.22
495.56927  (10122208)
        566150.46   4191674.22      391.15726  (10122208)                566170.46   4191674.22
322.40674  (09022708)
        566190.46   4191674.22      431.89693  (12011608)                566210.46   4191674.22
484.35512  (12011608)
        566230.46   4191674.22      477.53665  (13011108)                566250.46   4191674.22
477.88376  (13011108)
        566270.46   4191674.22      431.62835  (13011108)                566290.46   4191674.22
415.58846  (09121808)
        565570.46   4191694.22       20.73144  (10102815)                565590.46   4191694.22
21.74365  (10102815)
        565610.46   4191694.22       22.80036  (10102815)                565630.46   4191694.22
23.92182  (10102815)
 *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE1 ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
565650.46	4191694.22	25.11122	(10102815)	565670.46	4191694.22	26.37617	(10102815)
565690.46	4191694.22	28.64855	(11121514)	565710.46	4191694.22	31.18992	(11121514)
565730.46	4191694.22	33.92122	(11121514)	566050.46	4191694.22	205.70907	(10121616)
566070.46	4191694.22	229.78702	(10121616)	566090.46	4191694.22	619.55420	(11120608)
566110.46	4191694.22	877.15560	(11120608)	566130.46	4191694.22	666.76479	(11120608)
566150.46	4191694.22	491.62498	(10122208)	566170.46	4191694.22	378.29971	(12011608)
566190.46	4191694.22	483.01972	(12011608)	566210.46	4191694.22	518.58748	(12011608)
566230.46	4191694.22	511.72838	(13011108)	566250.46	4191694.22	495.86967	(13011108)
566270.46	4191694.22	454.97443	(09121808)	565570.46	4191714.22	21.04948	(10102815)
565590.46	4191714.22	22.20237	(10102815)	565610.46	4191714.22	23.42902	(10102815)
565630.46	4191714.22	24.72743	(10102815)	565650.46	4191714.22	26.12678	(10102815)
565670.46	4191714.22	27.63745	(10102815)	565690.46	4191714.22	29.26112	(10102815)
565710.46	4191714.22	31.00612	(10102815)	565730.46	4191714.22	33.21558	(11121514)
566070.46	4191714.22	253.73865	(10121616)	566090.46	4191714.22	288.90734	(10121616)
566110.46	4191714.22	691.09085	(11120608)	566130.46	4191714.22	949.79881	(11120608)
566150.46	4191714.22	671.05732	(10122208)	566170.46	4191714.22	466.16301	(12011608)
566190.46	4191714.22	546.19170	(12011608)	565570.46	4191734.22	20.98563	(10102815)
565590.46	4191734.22	22.24957	(10102815)	565610.46	4191734.22	23.61970	(10102815)
565630.46	4191734.22	25.05905	(10102815)	565650.46	4191734.22	26.63276	(10102815)

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        565670.46   4191734.22       28.35191  (10102815)                565690.46   4191734.22
30.21941  (10102815)
        565710.46   4191734.22       32.25308  (10102815)                566110.46   4191734.22
354.83917  (10121616)
        566130.46   4191734.22      481.13921  (11120608)                566150.46   4191734.22
974.95983  (11120608)
        566170.46   4191734.22      635.82283  (12011608)                566190.46   4191734.22
633.92374  (12011608)
        565570.46   4191754.22       20.57353  (13021508)                565590.46   4191754.22
21.86808  (10102815)
        565610.46   4191754.22       23.31314  (10102815)                565630.46   4191754.22
24.84274  (10102815)
        565650.46   4191754.22       26.56602  (10102815)                565670.46   4191754.22
28.45599  (10102815)
        565690.46   4191754.22       30.50978  (10102815)                565710.46   4191754.22
32.76542  (10102815)
        566130.46   4191754.22      487.43418  (10121616)                566150.46   4191754.22
799.34536  (11120608)
        566170.46   4191754.22      990.35255  (12011608)                566190.46   4191754.22
853.05495  (12011608)
        565570.46   4191774.22       20.77373  (13021508)                565590.46   4191774.22
22.02090  (13021508)
        565610.46   4191774.22       23.39966  (13021508)                565630.46   4191774.22
24.82843  (13021508)
        565650.46   4191774.22       26.53653  (13021508)                565670.46   4191774.22
28.41497  (13021508)
        565690.46   4191774.22       30.40190  (13021508)                565710.46   4191774.22
32.52602  (13021508)
        566170.46   4191774.22     1268.53041  (12011608)                566190.46   4191774.22
1292.30953  (12011608)
        565570.46   4191794.22       20.93196  (13021508)                565590.46   4191794.22
22.17435  (13021508)
        565610.46   4191794.22       23.57156  (13021508)                565630.46   4191794.22
25.06225  (13021508)
        565650.46   4191794.22       26.85144  (13021508)                565670.46   4191794.22
28.83918  (13021508)
        565690.46   4191794.22       30.93514  (13021508)                565710.46   4191794.22
33.13592  (13021508)
        565570.46   4191814.22       21.03050  (13021508)                565590.46   4191814.22
22.30534  (13021508)
        565610.46   4191814.22       23.73499  (13021508)                565630.46   4191814.22
25.22880  (13021508)
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```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP:  SLINE1   ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002    , L0000003    ,
L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010    , L0000011    ,
L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018    , L0000019    ,
L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026    , L0000027    ,
L0000028    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
565650.46	4191814.22	27.09576	(13021508)	565670.46	4191814.22	29.16128	(13021508)
565690.46	4191814.22	31.30956	(13021508)	565710.46	4191814.22	33.54584	(13021508)
565570.46	4191834.22	21.08347	(13021508)	565590.46	4191834.22	22.38598	(13021508)
565610.46	4191834.22	23.83196	(13021508)	565630.46	4191834.22	25.34273	(13021508)
565650.46	4191834.22	27.20766	(13021508)	565670.46	4191834.22	29.27158	(13021508)
565690.46	4191834.22	31.45592	(13021508)	565710.46	4191834.22	33.76998	(13021508)
565570.46	4191854.22	21.09241	(13021508)	565590.46	4191854.22	22.48739	(11021811)
565610.46	4191854.22	24.10419	(11021811)	565630.46	4191854.22	25.84144	(11021811)
565650.46	4191854.22	27.82351	(11021811)	565670.46	4191854.22	30.02273	(11021811)
565690.46	4191854.22	32.45272	(11021811)	565710.46	4191854.22	35.13937	(11021811)
565570.46	4191874.22	22.97709	(11021811)	565590.46	4191874.22	24.60236	(11021811)
565610.46	4191874.22	26.36099	(11021811)	565630.46	4191874.22	28.28921	(11021811)
565650.46	4191874.22	30.45709	(11021811)	565670.46	4191874.22	32.86079	(11021811)
565690.46	4191874.22	35.51864	(11021811)	565710.46	4191874.22	38.45597	(11021811)
565570.46	4191894.22	24.57447	(11021811)	565590.46	4191894.22	26.28957	(11021811)
565610.46	4191894.22	28.14341	(11021811)	565630.46	4191894.22	30.18902	(11021811)
565650.46	4191894.22	32.45123	(11021811)	565670.46	4191894.22	34.95783	(11021811)
565690.46	4191894.22	37.71901	(11021811)	565710.46	4191894.22	40.75119	(11021811)
565570.46	4191914.22	25.70727	(11021811)	565590.46	4191914.22	27.44998	(11021811)
565610.46	4191914.22	29.34555	(11021811)	565630.46	4191914.22	31.42180	(11021811)
565650.46	4191914.22	33.67157	(11021811)	565670.46	4191914.22	36.16581	(11021811)
565690.46	4191914.22	38.88980	(11021811)	565710.46	4191914.22	41.83636	(11021811)
565570.46	4191934.22	26.39729	(11021811)	565590.46	4191934.22	28.10861	(11021811)
565610.46	4191934.22	29.94925	(11021811)	565630.46	4191934.22	31.92360	(11021811)
565650.46	4191934.22	34.04093	(11021811)	565670.46	4191934.22	36.35722	(11021811)
565690.46	4191934.22	38.87714	(11021811)	565710.46	4191934.22	41.61060	(11021811)

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        565570.46   4191954.22       26.51496  (11021811)                565590.46   4191954.22
28.12884  (11021811)
        565610.46   4191954.22       29.84433  (11021811)                565630.46   4191954.22
31.63698  (11021811)
        565650.46   4191954.22       33.54543  (11021811)                565670.46   4191954.22
35.59308  (11021811)
        565690.46   4191954.22       37.80920  (11021811)                565710.46   4191954.22
40.22582  (11021811)
        565570.46   4191974.22       26.06044  (11021811)                565590.46   4191974.22
27.51648  (11021811)
        565610.46   4191974.22       29.04838  (11021811)                565630.46   4191974.22
30.60491  (11021811)
        565650.46   4191974.22       32.25387  (11021811)                565670.46   4191974.22
33.98011  (11021811)
        565690.46   4191974.22       35.83470  (11021811)                565710.46   4191974.22
37.87530  (11021811)
        565570.46   4191994.22       25.00517  (11021811)                565590.46   4191994.22
26.26647  (11021811)
        565610.46   4191994.22       27.58581  (11021811)                565630.46   4191994.22
28.92422  (11021811)
        565650.46   4191994.22       30.28235  (11021811)                565670.46   4191994.22
31.69376  (11021811)
        565690.46   4191994.22       33.18365  (11021811)                565710.46   4191994.22
34.77924  (11021811)
        565570.46   4192014.22       23.44799  (11021811)                565590.46   4192014.22
24.47592  (11021811)
        565610.46   4192014.22       25.56086  (11021811)                565630.46   4192014.22
26.78668  (13021508)
 *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 282
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP:  SLINE1   ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002    , L0000003    ,
L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010    , L0000011    ,
L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018    , L0000019    ,
L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026    , L0000027    ,
L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)
CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
        565650.46   4192014.22       28.38880  (13021508)                565670.46   4192014.22
30.14525  (13021508)
        565690.46   4192014.22       32.34053  (13111915)                565710.46   4192014.22
35.31767  (13111915)
        565570.46   4192034.22       21.52057  (13021508)                565590.46   4192034.22
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22.89395 (13021508)
565610.46 4192034.22 24.79930 (13021508) 565630.46 4192034.22
27.14967 (13021508)
565650.46 4192034.22 28.82969 (13111915) 565670.46 4192034.22
31.16461 (13111915)
565690.46 4192034.22 33.69547 (13111915) 565710.46 4192034.22
38.32121 (13111916)
565570.46 4192054.22 21.84743 (13111915) 565590.46 4192054.22
23.61014 (13111915)
565610.46 4192054.22 25.60255 (13111915) 565630.46 4192054.22
27.76572 (13111915)
565650.46 4192054.22 29.83676 (13111915) 565670.46 4192054.22
33.30441 (13111916)
565690.46 4192054.22 37.66510 (13111916) 565570.46 4192074.22
22.89992 (13111915)
565590.46 4192074.22 24.56483 (13111915) 565610.46 4192074.22
26.38422 (13111915)
565630.46 4192074.22 29.20743 (13111916) 565650.46 4192074.22
32.81921 (13111916)
565670.46 4192074.22 36.74667 (13111916) 565690.46 4192074.22
41.02211 (13111916)
565570.46 4192094.22 23.60893 (13111915) 565590.46 4192094.22
25.68177 (13111916)
565610.46 4192094.22 28.74131 (13111916) 565630.46 4192094.22
32.05761 (13111916)
565650.46 4192094.22 35.60433 (13111916) 565570.46 4192114.22
25.35084 (13111916)
565590.46 4192114.22 28.17401 (13111916) 565610.46 4192114.22
31.15614 (13111916)
565630.46 4192114.22 34.30775 (13111916) 565650.46 4192114.22
37.63282 (13111916)
565570.46 4192134.22 27.41179 (13111916) 565590.46 4192134.22
30.13735 (13111916)
565610.46 4192134.22 32.95002 (13111916) 565630.46 4192134.22
35.84991 (13111916)
565570.46 4192154.22 28.98262 (13111916) 565590.46 4192154.22
31.52627 (13111916)
565610.46 4192154.22 34.08639 (13111916) 565630.46 4192154.22
36.63335 (13111916)
565570.46 4192174.22 30.07698 (13111916) 565590.46 4192174.22
32.33372 (13111916)
565610.46 4192174.22 34.53059 (13111916) 565630.46 4192174.22
37.80140 (13111916)
565690.46 4192174.22 290.06621 (12122408) 565710.46 4192174.22
296.46463 (12122408)
565730.46 4192174.22 292.41091 (12122408) 565750.46 4192174.22
288.26758 (12122408)
565770.46 4192174.22 272.49137 (12122408) 565790.46 4192174.22
253.87373 (12122408)
565810.46 4192174.22 265.03358 (11011008) 565570.46 4192194.22
30.62230 (13111916)
565590.46 4192194.22 32.50835 (13111916) 565610.46 4192194.22
35.06346 (13111916)
565630.46 4192194.22 167.61937 (12122408) 565650.46 4192194.22
248.72381 (12122408)
565670.46 4192194.22 280.59238 (12122408) 565690.46 4192194.22
280.00567 (12122408)
565710.46 4192194.22 269.69701 (12122408) 565730.46 4192194.22
262.17565 (12122408)
565750.46 4192194.22 252.43754 (12122408) 565770.46 4192194.22
239.41384 (12122408)

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        565790.46   4192194.22      252.29864  (11011008)                565810.46   4192194.22
271.99365  (11011008)
        565570.46   4192214.22       30.59207  (13111916)                565590.46   4192214.22
32.61407  (13111916)
        565610.46   4192214.22      156.66563  (12122408)                565630.46   4192214.22
246.74098  (12122408)
        565650.46   4192214.22      269.69610  (12122408)                565670.46   4192214.22
262.47638  (12122408)
        565690.46   4192214.22      250.97893  (12122408)                565710.46   4192214.22
241.67299  (12122408)
        565730.46   4192214.22      232.16924  (12122408)                565750.46   4192214.22
219.64972  (12122408)
        565770.46   4192214.22      242.14082  (11011008)                565790.46   4192214.22
259.76456  (11011008)
↑ *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 283
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP:  SLINE1   ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002    , L0000003    ,
L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010    , L0000011    ,
L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018    , L0000019    ,
L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026    , L0000027    ,
L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)
CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
        565810.46   4192214.22      267.34686  (11011008)                565570.46   4192234.22
30.31025  (13111916)
        565590.46   4192234.22      117.64827  (12122408)                565610.46   4192234.22
230.45875  (12122408)
        565630.46   4192234.22      262.07135  (12122408)                565650.46   4192234.22
251.77941  (12122408)
        565670.46   4192234.22      236.94489  (12122408)                565690.46   4192234.22
227.26335  (12122408)
        565710.46   4192234.22      217.62389  (12122408)                565730.46   4192234.22
209.50974  (11011008)
        565750.46   4192234.22      234.10543  (11011008)                565770.46   4192234.22
251.13361  (11011008)
        565790.46   4192234.22      256.92582  (11011008)                565810.46   4192234.22
250.18976  (11011008)
        566610.64   4191596.95      128.18190  (13102408)                566594.96   4191572.56
137.35811  (12010208)
        566676.84   4191551.66      109.23032  (13102408)                566582.76   4191498.52
140.37793  (13011008)
        566607.15   4191478.49      131.77446  (13011008)                566639.38   4191459.32
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119.82907 (13011008)
        566587.99   4191437.55   133.28317 (13011008)   566635.90   4191431.45
124.91146 (13011008)
        566616.73   4191406.19   123.46123 (13011008)   566600.18   4191377.44
107.77413 (13011008)
        566633.29   4191315.60   86.24153 (13011008)   566669.00   4191327.79
101.49995 (13011008)
        566868.47   4191523.78   64.36473 (13102408)   566871.96   4191416.64
74.32513 (12010208)
        566934.68   4191400.96   67.42059 (13102408)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002   , L0000003   ,
L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010   , L0000011   ,
L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018   , L0000019   ,
L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026   , L0000027   ,
L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)
CONC   (YYMMDDHH)
 -
- - - - - - - - - - - - - -
        565570.46   4191234.22   161.16666 (12121108)   565590.46   4191234.22
165.85590 (12121108)
        565610.46   4191234.22   169.47945 (12121108)   565630.46   4191234.22
171.71321 (12121108)
        565650.46   4191234.22   172.56532 (12121108)   565670.46   4191234.22
171.94806 (12121108)
        565690.46   4191234.22   169.73199 (12121108)   565710.46   4191234.22
167.04926 (13122708)
        565730.46   4191234.22   178.91556 (13122708)   565750.46   4191234.22
189.65159 (13122708)
        565770.46   4191234.22   198.91820 (13122708)   565790.46   4191234.22
206.19157 (13122708)
        565810.46   4191234.22   210.81650 (13122708)   565830.46   4191234.22
212.60918 (13122708)
        565850.46   4191234.22   218.17826 (11120608)   565870.46   4191234.22
224.89952 (11120608)
        565890.46   4191234.22   228.30563 (11120608)   565910.46   4191234.22
227.87260 (11120608)
        565930.46   4191234.22   223.80950 (11120608)   565950.46   4191234.22
216.62045 (11120608)
        565970.46   4191234.22   206.01060 (11120608)   565990.46   4191234.22
196.11353 (10122208)

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        566010.46   4191234.22      194.00797  (10122208)                566030.46   4191234.22
189.76912  (10122208)
        566050.46   4191234.22      183.61143  (10122208)                566070.46   4191234.22
175.02273  (10122208)
        566090.46   4191234.22      164.28668  (10122208)                566110.46   4191234.22
151.94967  (10122208)
        566130.46   4191234.22      143.51811  (12011608)                566150.46   4191234.22
165.27993  (12011608)
        566170.46   4191234.22      187.97050  (12011608)                566190.46   4191234.22
209.97280  (12011608)
        566210.46   4191234.22      229.94820  (12011608)                566230.46   4191234.22
246.53743  (12011608)
        566250.46   4191234.22      258.35719  (12011608)                566270.46   4191234.22
472.71205  (12011608)
        566290.46   4191234.22      611.88396  (12011608)                566310.46   4191234.22
595.40038  (12011608)
        566330.46   4191234.22      490.95638  (12011608)                566350.46   4191234.22
418.45844  (13011108)
        566370.46   4191234.22      477.57713  (13011108)                566390.46   4191234.22
515.96223  (13011108)
        566410.46   4191234.22      505.70293  (13011108)                566430.46   4191234.22
442.52313  (13011108)
        566450.46   4191234.22      400.97920  (10121508)                566470.46   4191234.22
411.49210  (10121508)
        566490.46   4191234.22      391.67647  (10121508)                566510.46   4191234.22
402.69503  (09121808)
        566530.46   4191234.22      401.78493  (09121808)                566550.46   4191234.22
374.70740  (09121808)
        566570.46   4191234.22      326.69340  (09121808)                565570.46   4191254.22
164.67146  (13121908)
        565590.46   4191254.22      168.78116  (12121108)                565610.46   4191254.22
173.72078  (12121108)
        565630.46   4191254.22      177.35933  (12121108)                565650.46   4191254.22
179.62306  (12121108)
        565670.46   4191254.22      180.40842  (12121108)                565690.46   4191254.22
179.57884  (12121108)
        565710.46   4191254.22      176.98974  (12121108)                565730.46   4191254.22
178.25583  (13122708)
        565750.46   4191254.22      190.59290  (13122708)                565770.46   4191254.22
201.62774  (13122708)
        565790.46   4191254.22      210.82273  (13122708)                565810.46   4191254.22
217.52415  (13122708)
        565830.46   4191254.22      221.51121  (13122708)                565850.46   4191254.22
223.38750  (11120608)
        565870.46   4191254.22      232.25933  (11120608)                565890.46   4191254.22
237.77294  (11120608)
        565910.46   4191254.22      239.37899  (11120608)                565930.46   4191254.22
236.92097  (11120608)
        565950.46   4191254.22      230.75372  (11120608)                565970.46   4191254.22
220.79765  (11120608)
        565990.46   4191254.22      207.47849  (11120608)                566010.46   4191254.22
204.22343  (10122208)
        566030.46   4191254.22      200.55433  (10122208)                566050.46   4191254.22
195.07464  (10122208)
        566070.46   4191254.22      186.73210  (10122208)                566090.46   4191254.22
175.81011  (10122208)
        566110.46   4191254.22      163.00038  (10122208)                566130.46   4191254.22
151.53319  (12011608)
 *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
566150.46	4191254.22	175.17805	(12011608)	566170.46	4191254.22	199.23510	(12011608)
566190.46	4191254.22	222.17656	(12011608)	566210.46	4191254.22	242.91615	(12011608)
566230.46	4191254.22	259.95172	(12011608)	566250.46	4191254.22	273.94099	(12011608)
566270.46	4191254.22	559.10075	(12011608)	566290.46	4191254.22	642.58839	(12011608)
566310.46	4191254.22	587.20763	(12011608)	566330.46	4191254.22	480.61995	(12011608)
566350.46	4191254.22	450.78893	(13011108)	566370.46	4191254.22	508.79509	(13011108)
566390.46	4191254.22	534.38307	(13011108)	566410.46	4191254.22	504.61786	(13011108)
566430.46	4191254.22	421.90221	(13011108)	566450.46	4191254.22	423.52087	(10121508)
566470.46	4191254.22	420.16956	(10121508)	566490.46	4191254.22	408.25150	(09121808)
566510.46	4191254.22	420.79924	(09121808)	566530.46	4191254.22	404.45501	(09121808)
566550.46	4191254.22	362.15721	(09121808)	566570.46	4191254.22	301.96231	(09121808)
565570.46	4191274.22	169.59660	(12120308)	565590.46	4191274.22	172.61144	(13121908)
565610.46	4191274.22	176.89568	(12121108)	565630.46	4191274.22	182.04317	(12121108)
565650.46	4191274.22	185.91053	(12121108)	565670.46	4191274.22	188.29547	(12121108)
565690.46	4191274.22	188.97452	(12121108)	565710.46	4191274.22	187.81512	(12121108)
565730.46	4191274.22	184.74413	(12121108)	565750.46	4191274.22	190.49202	(13122708)
565770.46	4191274.22	203.32896	(13122708)	565790.46	4191274.22	214.51998	(13122708)
565810.46	4191274.22	223.51512	(13122708)	565830.46	4191274.22	229.93170	(13122708)

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        565850.46   4191274.22      233.09098  (13122708)                565870.46   4191274.22
239.15420  (11120608)
        565890.46   4191274.22      247.13892  (11120608)                565910.46   4191274.22
251.00276  (11120608)
        565930.46   4191274.22      250.55748  (11120608)                565950.46   4191274.22
245.77701  (11120608)
        565970.46   4191274.22      236.65290  (11120608)                565990.46   4191274.22
223.53306  (11120608)
        566010.46   4191274.22      214.95482  (10122208)                566030.46   4191274.22
211.67526  (10122208)
        566050.46   4191274.22      206.98413  (10122208)                566070.46   4191274.22
199.02155  (10122208)
        566090.46   4191274.22      188.04434  (10122208)                566110.46   4191274.22
174.87387  (10122208)
        566130.46   4191274.22      160.30749  (10122208)                566150.46   4191274.22
185.89423  (12011608)
        566170.46   4191274.22      211.29745  (12011608)                566190.46   4191274.22
235.13351  (12011608)
        566210.46   4191274.22      256.74092  (12011608)                566230.46   4191274.22
274.37686  (12011608)
        566250.46   4191274.22      336.47001  (12011608)                566270.46   4191274.22
623.03283  (12011608)
        566290.46   4191274.22      663.60697  (12011608)                566310.46   4191274.22
589.17446  (12011608)
        566330.46   4191274.22      480.43201  (12011608)                566350.46   4191274.22
485.25969  (13011108)
        566370.46   4191274.22      534.46015  (13011108)                566390.46   4191274.22
543.89144  (13011108)
        566410.46   4191274.22      493.96538  (13011108)                566430.46   4191274.22
424.73725  (10121508)
        566450.46   4191274.22      438.61170  (10121508)                566470.46   4191274.22
419.41785  (10121508)
        566490.46   4191274.22      431.56793  (09121808)                566510.46   4191274.22
428.69389  (09121808)
        566530.46   4191274.22      396.33004  (09121808)                566550.46   4191274.22
340.09642  (09121808)
        566570.46   4191274.22      270.36361  (09121808)                565570.46   4191294.22
173.85838  (12120308)
        565590.46   4191294.22      178.01621  (12120308)                565610.46   4191294.22
180.97594  (13121908)
        565630.46   4191294.22      185.69374  (12121108)                565650.46   4191294.22
191.31692  (12121108)
        565670.46   4191294.22      195.47222  (12121108)                565690.46   4191294.22
197.87384  (12121108)
```



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                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002    , L0000003    ,
L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010    , L0000011    ,
L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018    , L0000019    ,
L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026    , L0000027    ,
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L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
565710.46	4191294.22	198.35731	(12121108)	565730.46	4191294.22	196.90750	(12121108)
565750.46	4191294.22	193.30349	(12121108)	565770.46	4191294.22	204.08204	(13122708)
565790.46	4191294.22	217.33858	(13122708)	565810.46	4191294.22	228.71273	(13122708)
565830.46	4191294.22	237.72290	(13122708)	565850.46	4191294.22	243.40989	(13122708)
565870.46	4191294.22	245.73056	(13122708)	565890.46	4191294.22	256.30256	(11120608)
565910.46	4191294.22	262.87501	(11120608)	565930.46	4191294.22	265.10812	(11120608)
565950.46	4191294.22	262.35808	(11120608)	565970.46	4191294.22	254.30033	(11120608)
565990.46	4191294.22	241.47922	(11120608)	566010.46	4191294.22	226.82429	(10122208)
566030.46	4191294.22	223.80170	(10122208)	566050.46	4191294.22	219.01096	(10122208)
566070.46	4191294.22	211.39665	(10122208)	566090.46	4191294.22	200.58870	(10122208)
566110.46	4191294.22	187.32502	(10122208)	566130.46	4191294.22	172.35033	(10122208)
566150.46	4191294.22	197.13539	(12011608)	566170.46	4191294.22	224.21562	(12011608)
566190.46	4191294.22	249.25068	(12011608)	566210.46	4191294.22	271.79477	(12011608)
566230.46	4191294.22	289.91523	(12011608)	566250.46	4191294.22	398.46663	(12011608)
566270.46	4191294.22	659.49031	(12011608)	566290.46	4191294.22	687.00353	(12011608)
566310.46	4191294.22	605.61715	(12011608)	566330.46	4191294.22	490.32051	(12011608)
566350.46	4191294.22	518.71488	(13011108)	566370.46	4191294.22	551.33572	(13011108)
566390.46	4191294.22	542.32242	(13011108)	566410.46	4191294.22	474.17235	(13011108)
566430.46	4191294.22	443.70706	(10121508)	566450.46	4191294.22	444.00637	(10121508)
566470.46	4191294.22	434.64433	(09121808)	566490.46	4191294.22	445.63923	(09121808)
566510.46	4191294.22	425.94068	(09121808)	566530.46	4191294.22	377.78406	(09121808)
566550.46	4191294.22	310.07838	(09121808)	566570.46	4191294.22	235.29140	(09121808)
565570.46	4191314.22	176.73365	(12120308)	565590.46	4191314.22	182.44735	(12120308)
565610.46	4191314.22	186.88047	(12120308)	565630.46	4191314.22	190.27787	(13121908)
565650.46	4191314.22	195.60488	(12121108)	565670.46	4191314.22	201.60923	(12121108)

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        565690.46   4191314.22      205.90971  (12121108)                565710.46   4191314.22
208.27758  (12121108)
        565730.46   4191314.22      208.72752  (12121108)                565750.46   4191314.22
206.85809  (12121108)
        565770.46   4191314.22      203.84589  (13122708)                565790.46   4191314.22
219.23038  (13122708)
        565810.46   4191314.22      232.93589  (13122708)                565830.46   4191314.22
244.58118  (13122708)
        565850.46   4191314.22      253.15050  (13122708)                565870.46   4191314.22
258.21401  (13122708)
        565890.46   4191314.22      264.90833  (11120608)                565910.46   4191314.22
274.51784  (11120608)
        565930.46   4191314.22      279.91704  (11120608)                565950.46   4191314.22
279.58850  (11120608)
        565970.46   4191314.22      273.18237  (11120608)                565990.46   4191314.22
261.18913  (11120608)
        566010.46   4191314.22      244.59932  (11120608)                566030.46   4191314.22
237.73100  (10122208)
        566050.46   4191314.22      232.51869  (10122208)                566070.46   4191314.22
225.01417  (10122208)
        566090.46   4191314.22      214.47008  (10122208)                566110.46   4191314.22
201.03124  (10122208)
        566130.46   4191314.22      185.39107  (10122208)                566150.46   4191314.22
208.96495  (12011608)
        566170.46   4191314.22      238.23850  (12011608)                566190.46   4191314.22
264.85251  (12011608)
        566210.46   4191314.22      288.34060  (12011608)                566230.46   4191314.22
306.83410  (12011608)
        566250.46   4191314.22      419.10361  (12011608)                566270.46   4191314.22
687.77653  (12011608)
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002    , L0000003    ,
L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010    , L0000011    ,
L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018    , L0000019    ,
L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026    , L0000027    ,
L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)
CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
        566290.46   4191314.22      718.11508  (12011608)                566310.46   4191314.22
636.36164  (12011608)
        566330.46   4191314.22      545.00422  (13011108)                566350.46   4191314.22
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554.63039 (13011108)
566370.46 4191314.22 561.41174 (13011108) 566390.46 4191314.22
532.21230 (13011108)
566410.46 4191314.22 448.89083 (13011108) 566430.46 4191314.22
454.03909 (10121508)
566450.46 4191314.22 441.60468 (10121508) 566470.46 4191314.22
457.22841 (09121808)
566490.46 4191314.22 451.05393 (09121808) 566510.46 4191314.22
413.86444 (09121808)
566530.46 4191314.22 351.26632 (09121808) 566550.46 4191314.22
275.33558 (09121808)
566570.46 4191314.22 199.09834 (09121808) 565570.46 4191334.22
179.61255 (12120708)
565590.46 4191334.22 185.37707 (12120308) 565610.46 4191334.22
191.71027 (12120308)
565630.46 4191334.22 196.80710 (12120308) 565650.46 4191334.22
200.53783 (13121908)
565670.46 4191334.22 206.35517 (12121108) 565690.46 4191334.22
212.71521 (12121108)
565710.46 4191334.22 217.25375 (12121108) 565730.46 4191334.22
219.89652 (12121108)
565750.46 4191334.22 220.08166 (12121108) 565770.46 4191334.22
217.74714 (12121108)
565790.46 4191334.22 219.88276 (13122708) 565810.46 4191334.22
235.98257 (13122708)
565830.46 4191334.22 250.30678 (13122708) 565850.46 4191334.22
262.14325 (13122708)
565870.46 4191334.22 270.31145 (13122708) 565890.46 4191334.22
274.05291 (13122708)
565910.46 4191334.22 285.78561 (11120608) 565930.46 4191334.22
294.86579 (11120608)
565950.46 4191334.22 297.34088 (11120608) 565970.46 4191334.22
293.23997 (11120608)
565990.46 4191334.22 282.86658 (11120608) 566010.46 4191334.22
266.87461 (11120608)
566030.46 4191334.22 253.46626 (10122208) 566050.46 4191334.22
247.65342 (10122208)
566070.46 4191334.22 240.07283 (10122208) 566090.46 4191334.22
229.81041 (10122208)
566110.46 4191334.22 216.18861 (10122208) 566130.46 4191334.22
199.54098 (10122208)
566150.46 4191334.22 221.49303 (12011608) 566170.46 4191334.22
253.53040 (12011608)
566190.46 4191334.22 282.07911 (12011608) 566210.46 4191334.22
306.57587 (12011608)
566230.46 4191334.22 325.22967 (12011608) 566250.46 4191334.22
387.21911 (12011608)
566270.46 4191334.22 698.76144 (12011608) 566290.46 4191334.22
753.14961 (12011608)
566310.46 4191334.22 684.03964 (12011608) 566330.46 4191334.22
631.68627 (13011108)
566350.46 4191334.22 610.20567 (13011108) 566370.46 4191334.22
573.53421 (13011108)
566390.46 4191334.22 514.91342 (13011108) 566410.46 4191334.22
445.79012 (10121508)
566430.46 4191334.22 456.10257 (10121508) 566450.46 4191334.22
458.74512 (09121808)
566470.46 4191334.22 472.40727 (09121808) 566490.46 4191334.22
447.74103 (09121808)
566510.46 4191334.22 392.88380 (09121808) 566530.46 4191334.22
318.24446 (09121808)

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        566550.46   4191334.22      237.78942  (09121808)                566570.46   4191334.22
183.70423  (09020908)
        565570.46   4191354.22      185.19648  (12120708)                565590.46   4191354.22
189.02708  (12120708)
        565610.46   4191354.22      194.63982  (12120308)                565630.46   4191354.22
201.73405  (12120308)
        565650.46   4191354.22      207.37359  (12120308)                565670.46   4191354.22
211.41746  (13121908)
        565690.46   4191354.22      217.89614  (12121108)                565710.46   4191354.22
224.96844  (12121108)
        565730.46   4191354.22      230.02738  (12121108)                565750.46   4191354.22
232.57476  (12121108)
        565770.46   4191354.22      232.54450  (12121108)                565790.46   4191354.22
229.72188  (12121108)
        565810.46   4191354.22      237.64448  (13122708)                565830.46   4191354.22
254.76539  (13122708)
 *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 288
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002    , L0000003    ,
L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010    , L0000011    ,
L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018    , L0000019    ,
L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026    , L0000027    ,
L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)
CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - -
        565850.46   4191354.22      269.93870  (13122708)                565870.46   4191354.22
281.84799  (13122708)
        565890.46   4191354.22      289.11822  (13122708)                565910.46   4191354.22
296.49566  (11120608)
        565930.46   4191354.22      309.13439  (11120608)                565950.46   4191354.22
315.32501  (11120608)
        565970.46   4191354.22      314.46543  (11120608)                565990.46   4191354.22
306.46974  (11120608)
        566010.46   4191354.22      291.87991  (11120608)                566030.46   4191354.22
271.65666  (10122208)
        566050.46   4191354.22      267.39547  (10122208)                566070.46   4191354.22
258.94593  (10122208)
        566090.46   4191354.22      247.88884  (10122208)                566110.46   4191354.22
234.32207  (10122208)
        566130.46   4191354.22      217.40185  (10122208)                566150.46   4191354.22
236.07011  (12011608)
        566170.46   4191354.22      268.72940  (12011608)                566190.46   4191354.22
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299.87715 (12011608)
566210.46 4191354.22 326.37745 (12011608) 566230.46 4191354.22
345.21187 (12011608)
566250.46 4191354.22 502.52927 (12011608) 566270.46 4191354.22
718.61481 (12011608)
566290.46 4191354.22 778.69529 (12011608) 566310.46 4191354.22
725.00310 (12011608)
566330.46 4191354.22 714.13025 (13011108) 566350.46 4191354.22
662.10047 (13011108)
566370.46 4191354.22 589.94922 (13011108) 566390.46 4191354.22
500.90797 (13011108)
566410.46 4191354.22 460.58526 (10121508) 566430.46 4191354.22
457.42447 (10121508)
566450.46 4191354.22 481.61832 (09121808) 566470.46 4191354.22
477.58566 (09121808)
566490.46 4191354.22 433.71181 (09121808) 566510.46 4191354.22
363.31820 (09121808)
566530.46 4191354.22 280.54330 (09121808) 566550.46 4191354.22
199.25496 (09121808)
566570.46 4191354.22 178.08923 (13011008) 565570.46 4191374.22
189.27622 (12120708)
565590.46 4191374.22 194.83563 (12120708) 565610.46 4191374.22
199.24974 (12120708)
565630.46 4191374.22 204.83644 (12120308) 565650.46 4191374.22
212.70473 (12120308)
565670.46 4191374.22 219.01682 (12120308) 565690.46 4191374.22
223.59977 (13121908)
565710.46 4191374.22 231.01244 (12121108) 565730.46 4191374.22
238.68756 (12121108)
565750.46 4191374.22 243.96055 (12121108) 565770.46 4191374.22
246.63919 (12121108)
565790.46 4191374.22 246.36182 (12121108) 565810.46 4191374.22
242.92224 (12121108)
565830.46 4191374.22 257.77290 (13122708) 565850.46 4191374.22
276.46004 (13122708)
565870.46 4191374.22 292.25958 (13122708) 565890.46 4191374.22
303.50946 (13122708)
565910.46 4191374.22 309.26845 (13122708) 565930.46 4191374.22
323.16200 (11120608)
565950.46 4191374.22 333.75460 (11120608) 565970.46 4191374.22
336.84918 (11120608)
565990.46 4191374.22 332.27061 (11120608) 566010.46 4191374.22
320.02010 (11120608)
566030.46 4191374.22 300.61601 (11120608) 566050.46 4191374.22
290.03598 (10122208)
566070.46 4191374.22 282.18665 (10122208) 566090.46 4191374.22
272.10040 (10122208)
566110.46 4191374.22 259.12175 (10122208) 566130.46 4191374.22
240.89636 (10122208)
566150.46 4191374.22 254.98727 (12011608) 566170.46 4191374.22
288.28705 (12011608)
566190.46 4191374.22 320.18571 (12011608) 566210.46 4191374.22
347.92243 (12011608)
566230.46 4191374.22 367.20317 (12011608) 566250.46 4191374.22
574.90468 (12011608)
566270.46 4191374.22 747.83432 (12011608) 566290.46 4191374.22
801.04496 (12011608)
566310.46 4191374.22 791.06637 (13011108) 566330.46 4191374.22
786.57313 (13011108)
566350.46 4191374.22 711.14203 (13011108) 566370.46 4191374.22
606.36373 (13011108)

566390.46   4191374.22   486.44099 (13011108)   566410.46   4191374.22
470.75834 (10121508)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   L0000001   , L0000002   , L0000003   , L0000004   , L0000005   ,
L0000006   , L0000007   , L0000008   , L0000009   , L0000010   , L0000011   , L0000012   , L0000013   ,
L0000014   , L0000015   , L0000016   , L0000017   , L0000018   , L0000019   , L0000020   , L0000021   ,
L0000022   , L0000023   , L0000024   , L0000025   , L0000026   , L0000027   , L0000028   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5   IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
566430.46	4191374.22	477.10952	(09121808)	566450.46	4191374.22	493.28705	(09121808)
566470.46	4191374.22	470.27471	(09121808)	566490.46	4191374.22	409.02072	(09121808)
566510.46	4191374.22	326.90177	(09121808)	566530.46	4191374.22	240.28142	(09121808)
566550.46	4191374.22	189.01258	(09020908)	566570.46	4191374.22	216.83277	(13011008)
565570.46	4191394.22	192.22695	(11020308)	565590.46	4191394.22	198.91166	(12120708)
565610.46	4191394.22	205.26492	(12120708)	565630.46	4191394.22	210.51184	(12120708)
565650.46	4191394.22	216.04663	(12120308)	565670.46	4191394.22	224.95526	(12120308)
565690.46	4191394.22	232.19367	(12120308)	565710.46	4191394.22	237.36576	(13121908)
565730.46	4191394.22	245.49743	(12121108)	565750.46	4191394.22	253.85091	(12121108)
565770.46	4191394.22	259.55470	(12121108)	565790.46	4191394.22	262.26590	(12121108)
565810.46	4191394.22	261.78046	(12121108)	565830.46	4191394.22	259.07461	(13122708)
565850.46	4191394.22	281.35853	(13122708)	565870.46	4191394.22	301.24097	(13122708)
565890.46	4191394.22	316.85051	(13122708)	565910.46	4191394.22	327.00241	(13122708)
565930.46	4191394.22	336.70279	(11120608)	565950.46	4191394.22	352.42392	(11120608)
565970.46	4191394.22	360.26411	(11120608)	565990.46	4191394.22	360.29827	(11120608)
566010.46	4191394.22	351.71456	(11120608)	566030.46	4191394.22		

334.02400 (11120608)
        566050.46   4191394.22   316.01619 (10122208)   566070.46   4191394.22
310.98447 (10122208)
        566090.46   4191394.22   304.00393 (10122208)   566110.46   4191394.22
291.03676 (10122208)
        566130.46   4191394.22   268.49257 (10122208)   566150.46   4191394.22
276.13173 (12011608)
        566170.46   4191394.22   311.75636 (12011608)   566190.46   4191394.22
343.39519 (12011608)
        566210.46   4191394.22   371.50600 (12011608)   566230.46   4191394.22
391.58949 (12011608)
        566250.46   4191394.22   633.78874 (12011608)   566270.46   4191394.22
794.76609 (12011608)
        566290.46   4191394.22   831.63623 (12011608)   566310.46   4191394.22
850.46443 (13011108)
        566330.46   4191394.22   840.51349 (13011108)   566350.46   4191394.22
751.64536 (13011108)
        566370.46   4191394.22   621.71359 (13011108)   566390.46   4191394.22
514.64584 (10121508)
        566410.46   4191394.22   478.99813 (10121508)   566430.46   4191394.22
490.70018 (09121808)
        566450.46   4191394.22   488.38889 (09121808)   566470.46   4191394.22
448.92120 (09121808)
        566490.46   4191394.22   374.90186 (09121808)   566510.46   4191394.22
286.49015 (09121808)
        566530.46   4191394.22   204.30289 (09020908)   566550.46   4191394.22
225.63479 (13011008)
        566570.46   4191394.22   257.48388 (13011008)   565570.46   4191414.22
194.90219 (12123108)
        565590.46   4191414.22   202.04295 (11020308)   565610.46   4191414.22
209.37166 (12120708)
        565630.46   4191414.22   216.86955 (12120708)   565650.46   4191414.22
223.17464 (12120708)
        565670.46   4191414.22   228.80208 (12120308)   565690.46   4191414.22
238.86906 (12120308)
        565710.46   4191414.22   246.92252 (12120308)   565730.46   4191414.22
252.66644 (12120308)
        565750.46   4191414.22   261.86347 (12121108)   565770.46   4191414.22
270.88446 (12121108)
        565790.46   4191414.22   276.90251 (12121108)   565810.46   4191414.22
279.86201 (12121108)
        565830.46   4191414.22   279.30719 (12121108)   565850.46   4191414.22
284.17628 (13122708)
        565870.46   4191414.22   308.25863 (13122708)   565890.46   4191414.22
328.68246 (13122708)
        565910.46   4191414.22   343.86224 (13122708)   565930.46   4191414.22
353.83313 (13122708)
        565950.46   4191414.22   370.48477 (11120608)   565970.46   4191414.22
383.88912 (11120608)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002   , L0000003   ,
L0000004   , L0000005   ,

L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
565990.46	4191414.22	389.31041	(11120608)	566010.46	4191414.22	385.82218	(11120608)
566030.46	4191414.22	372.44390	(11120608)	566050.46	4191414.22	350.39742	(11120608)
566070.46	4191414.22	347.18490	(10122208)	566090.46	4191414.22	340.14003	(10122208)
566110.46	4191414.22	321.82924	(10122208)	566130.46	4191414.22	292.55139	(10122208)
566150.46	4191414.22	363.09439	(12011608)	566170.46	4191414.22	427.27615	(12011608)
566190.46	4191414.22	375.33725	(12011608)	566210.46	4191414.22	397.90784	(12011608)
566230.46	4191414.22	449.20629	(12011608)	566250.46	4191414.22	725.92010	(12011608)
566270.46	4191414.22	853.32848	(12011608)	566290.46	4191414.22	864.94770	(12011608)
566310.46	4191414.22	905.50707	(13011108)	566330.46	4191414.22	878.61841	(13011108)
566350.46	4191414.22	760.41058	(13011108)	566370.46	4191414.22	597.26366	(13011108)
566390.46	4191414.22	528.88109	(10121508)	566410.46	4191414.22	507.43518	(09121808)
566430.46	4191414.22	504.34518	(09121808)	566450.46	4191414.22	478.41995	(09121808)
566470.46	4191414.22	420.79395	(09121808)	566490.46	4191414.22	336.35227	(09121808)
566510.46	4191414.22	244.36285	(09121808)	566530.46	4191414.22	235.05138	(13011008)
566550.46	4191414.22	267.88270	(13011008)	566570.46	4191414.22	296.54490	(13011008)
565570.46	4191434.22	199.90558	(12123108)	565590.46	4191434.22	205.80830	(12123108)
565610.46	4191434.22	212.75175	(11020308)	565630.46	4191434.22	221.07103	(11020308)
565650.46	4191434.22	229.84387	(12120708)	565670.46	4191434.22	237.40829	(12120708)
565690.46	4191434.22	243.29714	(12120708)	565710.46	4191434.22	254.12441	(12120308)
565730.46	4191434.22	263.15500	(12120308)	565750.46	4191434.22	269.87229	(12120308)
565770.46	4191434.22	279.96513	(12121108)	565790.46	4191434.22	289.78513	(12121108)
565810.46	4191434.22	296.73914	(12121108)	565830.46	4191434.22	300.14069	(12121108)
565850.46	4191434.22	299.47731	(12121108)	565870.46	4191434.22		

313.18667 (13122708)
565890.46 4191434.22 338.72249 (13122708) 565910.46 4191434.22
359.44025 (13122708)
565930.46 4191434.22 375.23166 (13122708) 565950.46 4191434.22
387.79550 (11120608)
565970.46 4191434.22 407.91177 (11120608) 565990.46 4191434.22
420.33210 (11120608)
566010.46 4191434.22 423.84601 (11120608) 566030.46 4191434.22
416.75352 (11120608)
566050.46 4191434.22 398.16780 (11120608) 566070.46 4191434.22
385.66039 (10122208)
566090.46 4191434.22 374.90785 (10122208) 566110.46 4191434.22
353.29342 (10122208)
566130.46 4191434.22 427.88849 (10121309) 566150.46 4191434.22
461.30270 (13112908)
566170.46 4191434.22 515.00404 (13112908) 566190.46 4191434.22
635.04944 (12011608)
566210.46 4191434.22 749.87739 (12011608) 566230.46 4191434.22
820.54424 (12011608)
566250.46 4191434.22 898.25430 (12011608) 566270.46 4191434.22
940.99397 (12011608)
566290.46 4191434.22 889.77369 (13011108) 566310.46 4191434.22
917.78083 (13011108)
566330.46 4191434.22 864.35856 (13011108) 566350.46 4191434.22
724.46737 (13011108)
566370.46 4191434.22 566.22968 (10121508) 566390.46 4191434.22
529.73271 (10121508)
566410.46 4191434.22 532.56941 (09121808) 566430.46 4191434.22
513.28321 (09121808)
566450.46 4191434.22 463.69647 (09121808) 566470.46 4191434.22
387.30848 (09121808)
566490.46 4191434.22 293.95075 (09121808) 566510.46 4191434.22
244.90132 (13011008)
566530.46 4191434.22 279.30095 (13011008) 566550.46 4191434.22
308.56157 (13011008)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3
**

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)

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        566570.46   4191434.22      330.58759  (13011008)                565570.46   4191454.22
202.64526  (12123108)
        565590.46   4191454.22      210.55371  (12123108)                565610.46   4191454.22
217.87623  (12123108)
        565630.46   4191454.22      224.62497  (11020308)                565650.46   4191454.22
234.47150  (11020308)
        565670.46   4191454.22      244.32067  (12120708)                565690.46   4191454.22
253.19068  (12120708)
        565710.46   4191454.22      259.94394  (12120708)                565730.46   4191454.22
270.92474  (12120308)
        565750.46   4191454.22      281.38013  (12120308)                565770.46   4191454.22
288.92292  (12120308)
        565790.46   4191454.22      300.31691  (12121108)                565810.46   4191454.22
311.77478  (12121108)
        565830.46   4191454.22      319.36711  (12121108)                565850.46   4191454.22
323.36079  (12121108)
        565870.46   4191454.22      322.99027  (12121108)                565890.46   4191454.22
346.55130  (13122708)
        565910.46   4191454.22      373.18714  (13122708)                565930.46   4191454.22
395.85188  (13122708)
        565950.46   4191454.22      411.66377  (13122708)                565970.46   4191454.22
431.91460  (11120608)
        565990.46   4191454.22      453.34960  (11120608)                566010.46   4191454.22
466.28412  (11120608)
        566030.46   4191454.22      467.16305  (11120608)                566050.46   4191454.22
451.98997  (11120608)
        566070.46   4191454.22      423.01428  (10122208)                566090.46   4191454.22
409.45350  (10122208)
        566110.46   4191454.22      566.22024  (10122208)                566130.46   4191454.22
487.07833  (10121309)
        566150.46   4191454.22      467.63124  (12011609)                566170.46   4191454.22
486.18200  (09022708)
        566190.46   4191454.22      529.73296  (09022708)                566210.46   4191454.22
678.99980  (12011608)
        566230.46   4191454.22      826.19542  (12011608)                566250.46   4191454.22
910.28859  (12011608)
        566270.46   4191454.22      847.56317  (12011608)                566290.46   4191454.22
760.51598  (13011108)
        566310.46   4191454.22      791.18549  (13011108)                566330.46   4191454.22
755.89201  (13011108)
        566350.46   4191454.22      648.47997  (13011108)                566370.46   4191454.22
567.75041  (10121508)
        566390.46   4191454.22      561.44951  (09121808)                566410.46   4191454.22
560.74580  (09121808)
        566430.46   4191454.22      520.48117  (09121808)                566450.46   4191454.22
444.32944  (09121808)
        566470.46   4191454.22      346.74245  (09121808)                566490.46   4191454.22
255.15203  (13011008)
        566510.46   4191454.22      292.60736  (13011008)                566530.46   4191454.22
324.32177  (13011008)
        566550.46   4191454.22      346.85294  (13011008)                566570.46   4191454.22
358.53385  (13011008)
        565570.46   4191474.22      202.98434  (12123108)                565590.46   4191474.22
212.75426  (12123108)
        565610.46   4191474.22      222.36978  (12123108)                565630.46   4191474.22
231.21847  (12123108)
        565650.46   4191474.22      238.96288  (12123108)                565670.46   4191474.22
249.10157  (11020308)
        565690.46   4191474.22      259.85350  (12120708)                565710.46   4191474.22
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270.10243 (12120708)
        565730.46   4191474.22   278.23403 (12120708)   565750.46   4191474.22
289.79603 (12120308)
        565770.46   4191474.22   301.75447 (12120308)   565790.46   4191474.22
310.82945 (12120308)
        565810.46   4191474.22   324.46711 (12121108)   565830.46   4191474.22
337.02598 (12121108)
        565850.46   4191474.22   346.82250 (12121108)   565870.46   4191474.22
351.60138 (12121108)
        565890.46   4191474.22   351.15992 (13122708)   565910.46   4191474.22
383.71294 (13122708)
        565930.46   4191474.22   413.82412 (13122708)   565950.46   4191474.22
438.51444 (13122708)
        565970.46   4191474.22   455.80112 (11120608)   565990.46   4191474.22
489.12999 (11120608)
        566010.46   4191474.22   512.67131 (11120608)   566030.46   4191474.22
518.72694 (11120608)
        566050.46   4191474.22   503.55870 (11120608)   566070.46   4191474.22
465.20453 (11120608)
        566090.46   4191474.22   682.86758 (10122208)   566110.46   4191474.22
648.48071 (10122208)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002   , L0000003   ,
L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010   , L0000011   ,
L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018   , L0000019   ,
L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026   , L0000027   ,
L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)
CONC   (YYMMDDHH)
 -
- - - - - - - - - - - - - -
        566130.46   4191474.22   498.36410 (10121309)   566150.46   4191474.22
454.13307 (12011609)
        566170.46   4191474.22   458.91271 (09022708)   566190.46   4191474.22
491.63603 (09022708)
        566210.46   4191474.22   578.19993 (12011608)   566230.46   4191474.22
703.86563 (12011608)
        566250.46   4191474.22   779.85620 (12011608)   566270.46   4191474.22
757.60796 (12011608)
        566290.46   4191474.22   740.14934 (13011108)   566310.46   4191474.22
781.02819 (13011108)
        566330.46   4191474.22   736.51976 (13011108)   566350.46   4191474.22
618.08319 (13011108)

566370.46 4191474.22 588.85189 (10121508) 566390.46 4191474.22
604.82279 (09121808)
566410.46 4191474.22 581.98811 (09121808) 566430.46 4191474.22
511.10564 (09121808)
566450.46 4191474.22 406.84278 (09121808) 566470.46 4191474.22
293.41959 (09121808)
566490.46 4191474.22 307.29807 (13011008) 566510.46 4191474.22
343.41749 (13011008)
566530.46 4191474.22 369.32207 (13011008) 566550.46 4191474.22
381.70949 (13011008)
566570.46 4191474.22 379.91723 (13011008) 565570.46 4191494.22
200.68239 (12123108)
565590.46 4191494.22 212.37224 (12123108) 565610.46 4191494.22
224.19163 (12123108)
565630.46 4191494.22 235.24544 (12123108) 565650.46 4191494.22
245.69445 (12123108)
565670.46 4191494.22 254.96783 (12123108) 565690.46 4191494.22
264.89224 (11020308)
565710.46 4191494.22 277.06870 (12120708) 565730.46 4191494.22
289.26606 (12120708)
565750.46 4191494.22 299.09961 (12120708) 565770.46 4191494.22
311.15733 (12120308)
565790.46 4191494.22 325.41293 (12120308) 565810.46 4191494.22
336.76218 (12120308)
565830.46 4191494.22 351.77131 (12121108) 565850.46 4191494.22
368.05115 (12121108)
565870.46 4191494.22 378.90029 (12121108) 565890.46 4191494.22
382.40601 (12121108)
565910.46 4191494.22 391.75921 (13122708) 565930.46 4191494.22
430.34732 (13122708)
565950.46 4191494.22 464.72634 (13122708) 565970.46 4191494.22
490.99246 (13122708)
565990.46 4191494.22 525.27170 (11120608) 566010.46 4191494.22
559.22758 (11120608)
566030.46 4191494.22 570.80650 (11120608) 566050.46 4191494.22
557.12730 (11120608)
566070.46 4191494.22 644.74256 (10122208) 566090.46 4191494.22
830.26934 (10122208)
566110.46 4191494.22 680.90760 (10122208) 566130.46 4191494.22
484.53811 (10121309)
566150.46 4191494.22 434.60626 (10121309) 566170.46 4191494.22
437.01244 (09022708)
566190.46 4191494.22 481.63201 (13112908) 566210.46 4191494.22
590.99276 (12011608)
566230.46 4191494.22 729.60472 (12011608) 566250.46 4191494.22
804.51265 (12011608)
566270.46 4191494.22 791.02637 (12011608) 566290.46 4191494.22
809.98991 (13011108)
566310.46 4191494.22 828.83456 (13011108) 566330.46 4191494.22
747.27153 (13011108)
566350.46 4191494.22 650.12346 (10121508) 566370.46 4191494.22
640.38106 (09121808)
566390.46 4191494.22 637.71668 (09121808) 566410.46 4191494.22
581.41546 (09121808)
566430.46 4191494.22 477.29796 (09121808) 566450.46 4191494.22
351.65679 (09121808)
566470.46 4191494.22 323.15839 (13011008) 566490.46 4191494.22
364.18094 (13011008)
566510.46 4191494.22 394.71251 (13011008) 566530.46 4191494.22
410.09307 (13011008)
566550.46 4191494.22 408.10443 (13011008) 566570.46 4191494.22

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390.00036  (13011008)
        565570.46   4191514.22      195.91247  (12123108)                565590.46   4191514.22
209.37316  (12123108)
        565610.46   4191514.22      222.79960  (12123108)                565630.46   4191514.22
235.96245  (12123108)
        565650.46   4191514.22      249.01602  (12123108)                565670.46   4191514.22
261.33361  (12123108)
↑ *** AERMOD - VERSION 21112  ***    *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 293
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002    , L0000003    ,
L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010    , L0000011    ,
L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018    , L0000019    ,
L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026    , L0000027    ,
L0000028    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                        ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)
CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - -
        565690.46   4191514.22      272.53183  (12123108)                565710.46   4191514.22
282.66925  (11020308)
        565730.46   4191514.22      296.80611  (11020308)                565750.46   4191514.22
310.86125  (12120708)
        565770.46   4191514.22      322.76324  (12120708)                565790.46   4191514.22
335.99235  (12120308)
        565810.46   4191514.22      353.31044  (12120308)                565830.46   4191514.22
365.90524  (12120308)
        565850.46   4191514.22      385.65507  (12121108)                565870.46   4191514.22
403.46117  (12121108)
        565890.46   4191514.22      414.47334  (12121108)                565910.46   4191514.22
419.18331  (12121108)
        565930.46   4191514.22      445.81849  (13122708)                565950.46   4191514.22
490.06241  (13122708)
        565970.46   4191514.22      529.56707  (13122708)                565990.46   4191514.22
560.08962  (13122708)
        566010.46   4191514.22      603.16555  (11120608)                566030.46   4191514.22
622.56958  (11120608)
        566050.46   4191514.22      612.94985  (11120608)                566070.46   4191514.22
884.80465  (10122208)
        566090.46   4191514.22      911.78620  (10122208)                566110.46   4191514.22
676.91352  (10122208)
        566130.46   4191514.22      460.35492  (10121309)                566150.46   4191514.22
427.09336  (10121309)
        566170.46   4191514.22      445.65957  (13112908)                566190.46   4191514.22
519.43302  (13112908)
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        566210.46   4191514.22      640.93549  (12011608)                566230.46   4191514.22
796.12515  (12011608)
        566250.46   4191514.22      868.26176  (12011608)                566270.46   4191514.22
826.89327  (12011608)
        566290.46   4191514.22      872.06803  (13011108)                566310.46   4191514.22
857.03077  (13011108)
        566330.46   4191514.22      737.67454  (13011108)                566350.46   4191514.22
693.51474  (10121508)
        566370.46   4191514.22      694.86558  (09121808)                566390.46   4191514.22
650.60409  (09121808)
        566410.46   4191514.22      554.26568  (09121808)                566430.46   4191514.22
422.74896  (09121808)
        566450.46   4191514.22      339.69196  (13011008)                566470.46   4191514.22
387.48421  (13011008)
        566490.46   4191514.22      422.25627  (13011008)                566510.46   4191514.22
440.73530  (13011008)
        566530.46   4191514.22      440.09508  (13011008)                566550.46   4191514.22
420.00700  (13011008)
        566570.46   4191514.22      384.08319  (13011008)                565570.46   4191534.22
194.45530  (12011708)
        565590.46   4191534.22      202.84981  (12123108)                565610.46   4191534.22
217.69775  (12123108)
        565630.46   4191534.22      232.95143  (12123108)                565650.46   4191534.22
248.28152  (12123108)
        565670.46   4191534.22      263.36571  (12123108)                565690.46   4191534.22
277.95580  (12123108)
        565710.46   4191534.22      291.85858  (12123108)                565730.46   4191534.22
304.19093  (12123108)
        565750.46   4191534.22      318.76133  (11020308)                565770.46   4191534.22
334.83767  (12120708)
        565790.46   4191534.22      349.68420  (12120708)                565810.46   4191534.22
364.27382  (12120308)
        565830.46   4191534.22      384.22392  (12120308)                565850.46   4191534.22
401.72158  (12120308)
        565870.46   4191534.22      423.70075  (12121108)                565890.46   4191534.22
443.82616  (12121108)
        565910.46   4191534.22      458.57972  (12121108)                565930.46   4191534.22
468.33650  (12121108)
        565950.46   4191534.22      511.53879  (13122708)                565970.46   4191534.22
562.03330  (13122708)
        565990.46   4191534.22      604.37611  (13122708)                566010.46   4191534.22
644.40530  (11120608)
        566030.46   4191534.22      676.64397  (11120608)                566050.46   4191534.22
717.84420  (11120608)
        566070.46   4191534.22     1075.26075  (11120608)                566090.46   4191534.22
939.05465  (10122208)
        566110.46   4191534.22      668.85035  (10122208)                566130.46   4191534.22
455.13736  (10121309)
        566150.46   4191534.22      446.57213  (10121309)                566170.46   4191534.22
477.66182  (13112908)
        566190.46   4191534.22      564.48221  (13112908)                566210.46   4191534.22
700.67417  (12011608)
        566230.46   4191534.22      863.53968  (12011608)                566250.46   4191534.22
920.00043  (12011608)
 *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 294
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
566270.46	4191534.22	864.26918	(13011108)	566290.46	4191534.22	922.62851	(13011108)
566310.46	4191534.22	867.96718	(13011108)	566330.46	4191534.22	759.44670	(10121508)
566350.46	4191534.22	744.86745	(09121808)	566370.46	4191534.22	724.15664	(09121808)
566390.46	4191534.22	638.25356	(09121808)	566410.46	4191534.22	505.36053	(09121808)
566430.46	4191534.22	357.58535	(13011008)	566450.46	4191534.22	411.69716	(13011008)
566470.46	4191534.22	452.55213	(13011008)	566490.46	4191534.22	473.67583	(13011008)
566510.46	4191534.22	472.48929	(13011008)	566530.46	4191534.22	449.60674	(13011008)
566550.46	4191534.22	408.65213	(13011008)	566570.46	4191534.22	356.02677	(13011008)
565570.46	4191554.22	199.41773	(12010508)	565590.46	4191554.22	205.39560	(12010508)
565610.46	4191554.22	213.70960	(12011708)	565630.46	4191554.22	226.12265	(12123108)
565650.46	4191554.22	243.33125	(12123108)	565670.46	4191554.22	260.97846	(12123108)
565690.46	4191554.22	278.85082	(12123108)	565710.46	4191554.22	296.46365	(12123108)
565730.46	4191554.22	313.26922	(12123108)	565750.46	4191554.22	328.13500	(12123108)
565770.46	4191554.22	343.36209	(11020308)	565790.46	4191554.22	362.38030	(12120708)
565810.46	4191554.22	380.71545	(12120708)	565830.46	4191554.22	396.75068	(12120308)
565850.46	4191554.22	422.03273	(12120308)	565870.46	4191554.22	442.41202	(12120308)
565890.46	4191554.22	469.08172	(12121108)	565910.46	4191554.22	495.57237	(12121108)
565930.46	4191554.22	517.40986	(12121108)	565950.46	4191554.22	527.24475	(13122708)
565970.46	4191554.22	588.60636	(13122708)	565990.46	4191554.22	645.52159	(13122708)
566010.46	4191554.22	687.89897	(13122708)	566030.46	4191554.22	730.03359	(11120608)

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        566050.46   4191554.22     1213.78771  (11120608)                566070.46   4191554.22
1201.85376  (11120608)
        566090.46   4191554.22      936.34853  (10122208)                566110.46   4191554.22
706.39284  (10122208)
        566130.46   4191554.22      511.32250  (10122208)                566150.46   4191554.22
483.58083  (10121309)
        566170.46   4191554.22      513.00962  (13112908)                566190.46   4191554.22
611.38457  (13112908)
        566210.46   4191554.22      773.56411  (12011608)                566230.46   4191554.22
934.91893  (12011608)
        566250.46   4191554.22      964.96391  (12011608)                566270.46   4191554.22
942.97934  (13011108)
        566290.46   4191554.22      958.95267  (13011108)                566310.46   4191554.22
864.31748  (13011108)
        566330.46   4191554.22      791.79200  (10121508)                566350.46   4191554.22
789.94424  (09121808)
        566370.46   4191554.22      727.12522  (09121808)                566390.46   4191554.22
599.23718  (09121808)
        566410.46   4191554.22      435.88597  (09121808)                566430.46   4191554.22
438.11957  (13011008)
        566450.46   4191554.22      483.95933  (13011008)                566470.46   4191554.22
507.22003  (13011008)
        566490.46   4191554.22      504.19829  (13011008)                566510.46   4191554.22
476.77648  (13011008)
        566530.46   4191554.22      430.23209  (13011008)                566550.46   4191554.22
385.46735  (12010208)
        566570.46   4191554.22      390.21256  (12010208)                565570.46   4191574.22
204.15478  (12010508)
        565590.46   4191574.22      211.64546  (12010508)                565610.46   4191574.22
219.03487  (12010508)
        565630.46   4191574.22      226.28573  (12010508)                565650.46   4191574.22
236.51465  (12011708)
        565670.46   4191574.22      254.12137  (12123108)                565690.46   4191574.22
274.40953  (12123108)
        565710.46   4191574.22      295.28707  (12123108)                565730.46   4191574.22
316.55002  (12123108)
        565750.46   4191574.22      336.62204  (12123108)                565770.46   4191574.22
355.14426  (12123108)
        565790.46   4191574.22      371.68714  (12123108)                565810.46   4191574.22
394.03671  (12120708)
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002    , L0000003    ,
L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010    , L0000011    ,
L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018    , L0000019    ,
L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026    , L0000027    ,
L0000028    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
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** CONC OF PM_2.5 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
565830.46	4191574.22	415.89503	(12120708)	565850.46	4191574.22	435.84054	(12120708)
565870.46	4191574.22	465.92219	(12120308)	565890.46	4191574.22	493.00530	(12120308)
565910.46	4191574.22	528.36926	(12121108)	565930.46	4191574.22	562.46964	(12121108)
565950.46	4191574.22	581.89121	(12121108)	565970.46	4191574.22	606.23168	(13122708)
565990.46	4191574.22	682.82380	(13122708)	566010.46	4191574.22	748.01253	(13122708)
566030.46	4191574.22	786.29230	(11120608)	566050.46	4191574.22	1457.10273	(11120608)
566070.46	4191574.22	1280.77490	(11120608)	566090.46	4191574.22	959.61215	(10122208)
566110.46	4191574.22	791.13202	(10122208)	566130.46	4191574.22	604.10464	(10122208)
566150.46	4191574.22	526.48516	(10121309)	566170.46	4191574.22	552.52173	(13112908)
566190.46	4191574.22	661.45182	(13112908)	566210.46	4191574.22	858.24129	(12011608)
566230.46	4191574.22	1005.88948	(12011608)	566250.46	4191574.22	1003.56049	(12011608)
566270.46	4191574.22	1009.80447	(13011108)	566290.46	4191574.22	983.75230	(13011108)
566310.46	4191574.22	854.81885	(10121508)	566330.46	4191574.22	840.50919	(09121808)
566350.46	4191574.22	810.19431	(09121808)	566370.46	4191574.22	701.20679	(09121808)
566390.46	4191574.22	533.47745	(09121808)	566410.46	4191574.22	468.05978	(13011008)
566430.46	4191574.22	518.70097	(13011008)	566450.46	4191574.22	542.96986	(13011008)
566470.46	4191574.22	538.22069	(13011008)	566490.46	4191574.22	506.81910	(13011008)
566510.46	4191574.22	454.45591	(13011008)	566530.46	4191574.22	417.64601	(12010208)
566550.46	4191574.22	418.08039	(12010208)	566570.46	4191574.22	406.10459	(12010208)
565570.46	4191594.22	206.41480	(12010508)	565590.46	4191594.22	215.62240	(12010508)
565610.46	4191594.22	224.76353	(12010508)	565630.46	4191594.22	233.81537	(12010508)
565650.46	4191594.22	242.82943	(12010508)	565670.46	4191594.22	251.77277	(12010508)
565690.46	4191594.22	265.13056	(12123108)	565710.46	4191594.22	288.52368	(12123108)
565730.46	4191594.22	313.34553	(12123108)	565750.46	4191594.22	338.07064	(12123108)
565770.46	4191594.22	362.37047	(12123108)	565790.46	4191594.22	385.41568	(12123108)
565810.46	4191594.22	406.07601	(12123108)	565830.46	4191594.22	429.60291	(11020308)
565850.46	4191594.22	458.41816	(12120708)	565870.46	4191594.22	486.84327	(12120708)

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        565890.46   4191594.22      525.18268  (12120308)                565910.46   4191594.22
561.32960  (12120308)
        565930.46   4191594.22      602.01261  (12121108)                565950.46   4191594.22
633.22878  (12121108)
        565970.46   4191594.22      654.49625  (12121108)                565990.46   4191594.22
716.91994  (13122708)
        566010.46   4191594.22      805.28817  (13122708)                566030.46   4191594.22
1136.72328  (13122708)
        566050.46   4191594.22     1540.54728  (11120608)                566070.46   4191594.22
1356.22471  (11120608)
        566090.46   4191594.22     1007.73356  (10122208)                566110.46   4191594.22
891.73071  (10122208)
        566130.46   4191594.22      715.05240  (10122208)                566150.46   4191594.22
574.55696  (10121309)
        566170.46   4191594.22      597.29058  (13112908)                566190.46   4191594.22
717.06854  (13112908)
        566210.46   4191594.22      952.27158  (12011608)                566230.46   4191594.22
1075.15167  (12011608)
        566250.46   4191594.22     1037.95770  (12011608)                566270.46   4191594.22
1064.65078  (13011108)
        566290.46   4191594.22      998.83970  (13011108)                566310.46   4191594.22
893.06059  (10121508)
        566330.46   4191594.22      884.51159  (09121808)                566350.46   4191594.22
804.43331  (09121808)
        566370.46   4191594.22      646.73594  (09121808)                566390.46   4191594.22
501.02278  (13011008)
 *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 296
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002    , L0000003    ,
L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010    , L0000011    ,
L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018    , L0000019    ,
L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026    , L0000027    ,
L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)
CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - -
        566410.46   4191594.22      556.81975  (13011008)                566430.46   4191594.22
583.09831  (13011008)
        566450.46   4191594.22      577.09651  (13011008)                566470.46   4191594.22
541.07632  (13011008)
        566490.46   4191594.22      481.77197  (13011008)                566510.46   4191594.22
453.36966  (12010208)
        566530.46   4191594.22      448.34429  (12010208)                566550.46   4191594.22
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429.72402 (12010208)
566570.46 4191594.22 400.15911 (12010208) 565570.46 4191614.22
212.09908 (13012808)
565590.46 4191614.22 220.08936 (13012808) 565610.46 4191614.22
228.07771 (13012808)
565630.46 4191614.22 238.35357 (12010508) 565650.46 4191614.22
249.31206 (12010508)
565670.46 4191614.22 260.34515 (12010508) 565690.46 4191614.22
271.56815 (12010508)
565710.46 4191614.22 283.00359 (12010508) 565730.46 4191614.22
304.09901 (12123108)
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362.06336 (12123108)
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418.99478 (12123108)
565830.46 4191614.22 445.67567 (12123108) 565850.46 4191614.22
475.53811 (11020308)
565870.46 4191614.22 516.07138 (12120708) 565890.46 4191614.22
556.26661 (12120708)
565910.46 4191614.22 600.46140 (12120308) 565930.46 4191614.22
637.52915 (12120308)
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1143.94958 (11120608)
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844.25494 (10122208)
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1054.08938 (12011608)
566230.46 4191614.22 1141.89507 (12011608) 566250.46 4191614.22
1107.60163 (13011108)
566270.46 4191614.22 1109.86075 (13011108) 566290.46 4191614.22
1003.06506 (13011108)
566310.46 4191614.22 949.85428 (09121808) 566330.46 4191614.22
904.47951 (09121808)
566350.46 4191614.22 769.76118 (09121808) 566370.46 4191614.22
564.34990 (09121808)
566390.46 4191614.22 600.54001 (13011008) 566410.46 4191614.22
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580.07048 (13011008)
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492.98746 (12010208)
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454.44414 (12010208)
566550.46 4191614.22 416.63375 (12010208) 566570.46 4191614.22
400.08158 (13102408)
565570.46 4191634.22 215.35493 (13012808) 565590.46 4191634.22
224.67119 (13012808)
565610.46 4191634.22 234.68272 (13012808) 565630.46 4191634.22
244.42808 (13012808)
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294.21481 (12010508)

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387.94151  (12123108)
        565810.46   4191634.22      423.06856  (12123108)                565830.46   4191634.22
460.21382  (12123108)
        565850.46   4191634.22      502.38805  (12123108)                565870.46   4191634.22
543.19741  (12123108)
        565890.46   4191634.22      591.82954  (12120708)                565910.46   4191634.22
634.74352  (12120708)
        565930.46   4191634.22      674.73437  (12120308)                565950.46   4191634.22
721.39280  (12120308)
↑ *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 297
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002    , L0000003    ,
L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010    , L0000011    ,
L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018    , L0000019    ,
L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026    , L0000027    ,
L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)
CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - -
        565970.46   4191634.22      789.96038  (12121108)                565990.46   4191634.22
858.37586  (12121108)
        566010.46   4191634.22      897.21629  (13122708)                566030.46   4191634.22
1509.65794  (13122708)
        566050.46   4191634.22     1725.15507  (13122708)                566070.46   4191634.22
1580.35041  (11120608)
        566090.46   4191634.22     1348.95580  (11120608)                566110.46   4191634.22
1112.70432  (10122208)
        566130.46   4191634.22      989.05968  (10122208)                566150.46   4191634.22
719.27693  (10122208)
        566170.46   4191634.22      709.00555  (13112908)                566190.46   4191634.22
908.07113  (12011608)
        566210.46   4191634.22     1162.09575  (12011608)                566230.46   4191634.22
1208.42955  (12011608)
        566250.46   4191634.22     1190.09398  (13011108)                566270.46   4191634.22
1150.17026  (13011108)
        566290.46   4191634.22     1017.95835  (10121508)                566310.46   4191634.22
999.59090  (09121808)
        566330.46   4191634.22      896.86319  (09121808)                566350.46   4191634.22
702.84070  (09121808)
        566370.46   4191634.22      651.77403  (13011008)                566390.46   4191634.22
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566210.46 4191654.22 1275.84343 (12011608) 566230.46 4191654.22
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566250.46 4191654.22 1266.32523 (13011108) 566270.46 4191654.22
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224.43921 (13012808)
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279.31186 (13012808)
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566070.46 4191674.22 1853.19851 (13122708) 566090.46 4191674.22
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1336.38776 (10122208)
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872.16497 (09022708)
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1343.11654 (13011108)
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1151.09462 (09121808)
565570.46 4191694.22 212.68678 (10120708) 565590.46 4191694.22
220.09255 (10120708)
565610.46 4191694.22 232.69027 (13012808) 565630.46 4191694.22
247.13891 (13012808)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
565650.46	4191694.22	262.75557	(13012808)	565670.46	4191694.22	279.46838	(13012808)
565690.46	4191694.22	297.52075	(13012808)	565710.46	4191694.22	316.85265	(13012808)
565730.46	4191694.22	336.96221	(13012808)	566050.46	4191694.22	1348.30441	(12121108)
566070.46	4191694.22	1479.06681	(13122708)	566090.46	4191694.22	2157.29282	(13122708)
566110.46	4191694.22	2384.33779	(11120608)	566130.46	4191694.22	1732.29068	(11120608)
566150.46	4191694.22	1344.21724	(10122208)	566170.46	4191694.22	991.55146	(09022708)
566190.46	4191694.22	1398.99561	(12011608)	566210.46	4191694.22	1527.20848	(12011608)
566230.46	4191694.22	1489.09067	(13011108)	566250.46	4191694.22	1421.96054	(13011108)
566270.46	4191694.22	1279.67704	(09121808)	565570.46	4191714.22	223.02610	(10120708)
565590.46	4191714.22	232.17975	(10120708)	565610.46	4191714.22	241.69733	(10120708)
565630.46	4191714.22	251.26875	(10120708)	565650.46	4191714.22	261.53997	(10120708)
565670.46	4191714.22	274.59168	(13012808)	565690.46	4191714.22	294.10358	(13012808)
565710.46	4191714.22	315.09771	(13012808)	565730.46	4191714.22	337.89062	(13012808)
566070.46	4191714.22	1610.46531	(12121108)	566090.46	4191714.22	1804.11394	(13122708)
566110.46	4191714.22	2547.44843	(11120608)	566130.46	4191714.22	2643.67614	(11120608)
566150.46	4191714.22	1802.72603	(10122208)	566170.46	4191714.22	1229.06722	(12011608)
566190.46	4191714.22	1626.05557	(12011608)	565570.46	4191734.22	229.86522	(10120708)
565590.46	4191734.22	240.76272	(10120708)	565610.46	4191734.22		

252.56876 (10120708)
565630.46 4191734.22 263.84825 (10120708) 565650.46 4191734.22
276.12689 (10120708)
565670.46 4191734.22 289.37550 (10120708) 565690.46 4191734.22
303.30423 (10120708)
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2276.25038 (13122708)
566130.46 4191734.22 2578.72511 (11120608) 566150.46 4191734.22
2734.31792 (11120608)
566170.46 4191734.22 1689.40269 (10122208) 566190.46 4191734.22
1914.54117 (12011608)
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245.18776 (10120708)
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270.73630 (10120708)
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334.26843 (10120708)
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343.93024 (10120708)
566170.46 4191774.22 4349.27475 (12011608) 566190.46 4191774.22
3808.10209 (12011608)
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248.16444 (14010108)
565610.46 4191794.22 261.80223 (14010108) 565630.46 4191794.22
275.90067 (14010108)
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312.15699 (14010108)
565690.46 4191794.22 331.29494 (14010108) 565710.46 4191794.22
350.51590 (14010108)
565570.46 4191814.22 236.73682 (10121608) 565590.46 4191814.22
248.72217 (10121608)
565610.46 4191814.22 262.15401 (10121608) 565630.46 4191814.22
275.55873 (10121608)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,

L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
565650.46	4191814.22	293.14430	(10121608)	565670.46	4191814.22	312.11724	(10121608)
565690.46	4191814.22	331.56275	(14010108)	565710.46	4191814.22	351.66397	(14010108)
565570.46	4191834.22	238.80921	(10121608)	565590.46	4191834.22	251.49175	(10121608)
565610.46	4191834.22	265.47667	(10121608)	565630.46	4191834.22	279.50445	(10121608)
565650.46	4191834.22	297.50218	(10121608)	565670.46	4191834.22	316.98604	(10121608)
565690.46	4191834.22	336.91155	(10121608)	565710.46	4191834.22	357.32927	(10121608)
565570.46	4191854.22	239.57022	(10120108)	565590.46	4191854.22	252.60796	(10120108)
565610.46	4191854.22	266.62333	(10120108)	565630.46	4191854.22	281.06361	(10120108)
565650.46	4191854.22	298.02292	(10120108)	565670.46	4191854.22	316.67167	(10120108)
565690.46	4191854.22	336.87296	(10120108)	565710.46	4191854.22	358.66441	(10120108)
565570.46	4191874.22	237.13919	(10120108)	565590.46	4191874.22	250.12220	(10120108)
565610.46	4191874.22	263.79619	(10120108)	565630.46	4191874.22	278.54394	(10120108)
565650.46	4191874.22	295.33547	(10120108)	565670.46	4191874.22	313.80362	(10120108)
565690.46	4191874.22	333.88149	(10120108)	565710.46	4191874.22	355.50676	(10120108)
565570.46	4191894.22	230.99441	(10120108)	565590.46	4191894.22	243.43992	(10120108)
565610.46	4191894.22	256.53496	(10120108)	565630.46	4191894.22	270.93834	(10120108)
565650.46	4191894.22	286.78746	(10120108)	565670.46	4191894.22	304.26900	(10120108)
565690.46	4191894.22	323.16310	(10120108)	565710.46	4191894.22	343.26095	(10120108)
565570.46	4191914.22	221.36936	(10120108)	565590.46	4191914.22	232.92483	(10120108)
565610.46	4191914.22	245.34219	(10120108)	565630.46	4191914.22	258.83470	(10120108)
565650.46	4191914.22	273.01433	(10120108)	565670.46	4191914.22	288.81187	(10120108)
565690.46	4191914.22	305.65554	(10120108)	565710.46	4191914.22	327.17004	(10112908)
565570.46	4191934.22	216.11313	(10112908)	565590.46	4191934.22	230.48643	(10112908)
565610.46	4191934.22	245.88591	(10112908)	565630.46	4191934.22	262.25797	(10112908)
565650.46	4191934.22	279.58154	(10112908)	565670.46	4191934.22		

298.60958 (10112908)
        565690.46   4191934.22   319.35204 (10112908)   565710.46   4191934.22
341.74729 (10112908)
        565570.46   4191954.22   228.44956 (10112908)   565590.46   4191954.22
243.26149 (10112908)
        565610.46   4191954.22   258.87320 (10112908)   565630.46   4191954.22
274.57235 (10112908)
        565650.46   4191954.22   291.07510 (10112908)   565670.46   4191954.22
308.77599 (10112908)
        565690.46   4191954.22   328.07122 (10112908)   565710.46   4191954.22
350.72578 (13020108)
        565570.46   4191974.22   238.27034 (10112908)   565590.46   4191974.22
253.02269 (10112908)
        565610.46   4191974.22   268.39917 (10112908)   565630.46   4191974.22
283.86527 (13020108)
        565650.46   4191974.22   300.70708 (13020108)   565670.46   4191974.22
318.07395 (13020108)
        565690.46   4191974.22   337.30963 (13020108)   565710.46   4191974.22
359.85698 (13020108)
        565570.46   4191994.22   245.28791 (13020108)   565590.46   4191994.22
261.02021 (13020108)
        565610.46   4191994.22   277.67692 (13020108)   565630.46   4191994.22
293.83371 (13020108)
        565650.46   4191994.22   309.51046 (13020108)   565670.46   4191994.22
325.96047 (13020108)
        565690.46   4191994.22   343.94918 (13020108)   565710.46   4191994.22
364.46636 (13020108)
        565570.46   4192014.22   249.97417 (13020108)   565590.46   4192014.22
264.74981 (13020108)
        565610.46   4192014.22   281.24298 (13020108)   565630.46   4192014.22
298.26430 (13020108)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002   , L0000003   ,
L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010   , L0000011   ,
L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018   , L0000019   ,
L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026   , L0000027   ,
L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)
CONC   (YYMMDDHH)
 -
- - - - - - - - - - - - - - -
        565650.46   4192014.22   312.32152 (13020108)   565670.46   4192014.22
326.90127 (13020108)

565690.46 4192014.22 342.91095 (13020108) 565710.46 4192014.22
361.02363 (13020108)
565570.46 4192034.22 249.02027 (13020108) 565590.46 4192034.22
261.46028 (13020108)
565610.46 4192034.22 277.82600 (13020108) 565630.46 4192034.22
296.49955 (13020108)
565650.46 4192034.22 308.22232 (13020108) 565670.46 4192034.22
319.57636 (13020108)
565690.46 4192034.22 332.50447 (13020108) 565710.46 4192034.22
348.38913 (13020108)
565570.46 4192054.22 245.41897 (13020108) 565590.46 4192054.22
256.02720 (13020108)
565610.46 4192054.22 270.37592 (13020108) 565630.46 4192054.22
286.89062 (13020108)
565650.46 4192054.22 296.90158 (13020108) 565670.46 4192054.22
306.42061 (13020108)
565690.46 4192054.22 317.38327 (13020108) 565570.46 4192074.22
239.34502 (13020108)
565590.46 4192074.22 248.25233 (13020108) 565610.46 4192074.22
259.54335 (13020108)
565630.46 4192074.22 272.10133 (13020108) 565650.46 4192074.22
284.97119 (09021008)
565670.46 4192074.22 306.36920 (09021008) 565690.46 4192074.22
329.87487 (09021008)
565570.46 4192094.22 232.12879 (13020108) 565590.46 4192094.22
239.80250 (13020108)
565610.46 4192094.22 255.26243 (09021008) 565630.46 4192094.22
274.18064 (09021008)
565650.46 4192094.22 293.61139 (09021008) 565570.46 4192114.22
229.93608 (09021008)
565590.46 4192114.22 246.64569 (09021008) 565610.46 4192114.22
262.93926 (09021008)
565630.46 4192114.22 279.61787 (09021008) 565650.46 4192114.22
297.21865 (09021008)
565570.46 4192134.22 235.44231 (09021008) 565590.46 4192134.22
251.07224 (09021008)
565610.46 4192134.22 265.96792 (09021008) 565630.46 4192134.22
280.81261 (09021008)
565570.46 4192154.22 237.43199 (09021008) 565590.46 4192154.22
251.89602 (09021008)
565610.46 4192154.22 265.49436 (09021008) 565630.46 4192154.22
278.21816 (09021008)
565570.46 4192174.22 237.98092 (09021008) 565590.46 4192174.22
250.47528 (09021008)
565610.46 4192174.22 261.69281 (09021008) 565630.46 4192174.22
270.81212 (12122408)
565690.46 4192174.22 709.65399 (12122408) 565710.46 4192174.22
717.29688 (12122408)
565730.46 4192174.22 704.64058 (12122408) 565750.46 4192174.22
694.51953 (12122408)
565770.46 4192174.22 657.61137 (12122408) 565790.46 4192174.22
619.85076 (12122408)
565810.46 4192174.22 646.64388 (11011008) 565570.46 4192194.22
236.26083 (09021008)
565590.46 4192194.22 246.05782 (09021008) 565610.46 4192194.22
260.19144 (12122408)
565630.46 4192194.22 481.51951 (12122408) 565650.46 4192194.22
625.14556 (12122408)
565670.46 4192194.22 686.18915 (12122408) 565690.46 4192194.22
676.15335 (12122408)
565710.46 4192194.22 648.09702 (12122408) 565730.46 4192194.22

631.06800 (12122408)
        565750.46   4192194.22   608.79852 (12122408)   565770.46   4192194.22
574.72814 (12122408)
        565790.46   4192194.22   607.65568 (11011008)   565810.46   4192194.22
672.13108 (11011008)
        565570.46   4192214.22   233.28710 (12122408)   565590.46   4192214.22
249.94646 (12122408)
        565610.46   4192214.22   459.49514 (12122408)   565630.46   4192214.22
616.47584 (12122408)
        565650.46   4192214.22   657.52145 (12122408)   565670.46   4192214.22
632.07861 (12122408)
        565690.46   4192214.22   602.59414 (12122408)   565710.46   4192214.22
582.65929 (12122408)
        565730.46   4192214.22   562.51721 (12122408)   565750.46   4192214.22
529.76439 (12122408)
        565770.46   4192214.22   585.46384 (11011008)   565790.46   4192214.22
640.11273 (11011008)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE
GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002   , L0000003   ,
L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010   , L0000011   ,
L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018   , L0000019   ,
L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026   , L0000027   ,
L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_2.5   IN MICROGRAMS/M**3
 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)
CONC   (YYMMDDHH)
 -
- - - - - - - - - - - - - - -
        565810.46   4192214.22   666.47095 (11011008)   565570.46   4192234.22
240.09126 (12122408)
        565590.46   4192234.22   400.42648 (12122408)   565610.46   4192234.22
586.72008 (12122408)
        565630.46   4192234.22   642.35127 (12122408)   565650.46   4192234.22
607.12425 (12122408)
        565670.46   4192234.22   568.82086 (12122408)   565690.46   4192234.22
547.52354 (12122408)
        565710.46   4192234.22   525.34522 (12122408)   565730.46   4192234.22
493.70638 (11011008)
        565750.46   4192234.22   567.33259 (11011008)   565770.46   4192234.22
620.35471 (11011008)
        565790.46   4192234.22   640.46185 (11011008)   565810.46   4192234.22
623.24581 (11011008)
        566610.64   4191596.95   358.04126 (13102408)   566594.96   4191572.56
378.35843 (12010208)

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        566676.84   4191551.66      298.24990  (13102408)                566582.76   4191498.52
370.77176  (13011008)
        566607.15   4191478.49      343.27444  (13011008)                566639.38   4191459.32
310.03047  (13011008)
        566587.99   4191437.55      345.91825  (13011008)                566635.90   4191431.45
334.03223  (13011008)
        566616.73   4191406.19      327.14634  (13011008)                566600.18   4191377.44
267.55638  (13011008)
        566633.29   4191315.60      200.35415  (13011008)                566669.00   4191327.79
265.07003  (13011008)
        566868.47   4191523.78      154.52774  (13102408)                566871.96   4191416.64
203.37014  (13102408)
        566934.68   4191400.96      184.99078  (13102408)

↑ *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
      ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 302
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                                        *** THE SUMMARY OF MAXIMUM PERIOD ( 43872 HRS) RESULTS ***


                                     ** CONC OF PM_2.5   IN MICROGRAMS/M**3                          **


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

PAREA1    1ST HIGHEST VALUE IS      17.03555 AT (  566190.46,  4191774.22,   159.26,   580.55,
0.00)  DC
          2ND HIGHEST VALUE IS      14.88049 AT (  566170.46,  4191774.22,   155.03,   580.55,
0.00)  DC
          3RD HIGHEST VALUE IS       6.89707 AT (  566130.46,  4191754.22,   150.48,   580.55,
0.00)  DC
          4TH HIGHEST VALUE IS       6.57069 AT (  566150.46,  4191754.22,   155.01,   580.55,
0.00)  DC
          5TH HIGHEST VALUE IS       6.48008 AT (  566190.46,  4191754.22,   165.86,   580.55,
0.00)  DC
          6TH HIGHEST VALUE IS       6.03961 AT (  566170.46,  4191754.22,   160.59,   580.55,
0.00)  DC
          7TH HIGHEST VALUE IS       4.36492 AT (  566130.46,  4191734.22,   154.22,   580.55,
0.00)  DC
          8TH HIGHEST VALUE IS       4.18186 AT (  566110.46,  4191734.22,   149.82,   580.55,
0.00)  DC
          9TH HIGHEST VALUE IS       3.42583 AT (  566150.46,  4191734.22,   160.40,   580.55,
0.00)  DC
         10TH HIGHEST VALUE IS       3.28480 AT (  566190.46,  4191734.22,   172.79,   580.55,
0.00)  DC

SLINE1    1ST HIGHEST VALUE IS      19.79227 AT (  566170.46,  4191774.22,   155.03,   580.55,
0.00)  DC
          2ND HIGHEST VALUE IS      19.20979 AT (  566190.46,  4191774.22,   159.26,   580.55,
0.00)  DC
          3RD HIGHEST VALUE IS      11.15445 AT (  566130.46,  4191754.22,   150.48,   580.55,
0.00)  DC
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          4TH HIGHEST VALUE IS      10.10115 AT (  566150.46,  4191754.22,   155.01,   580.55,
0.00)  DC
          5TH HIGHEST VALUE IS       8.84895 AT (  566170.46,  4191754.22,   160.59,   580.55,
0.00)  DC
          6TH HIGHEST VALUE IS       8.35369 AT (  566190.46,  4191754.22,   165.86,   580.55,
0.00)  DC
          7TH HIGHEST VALUE IS       6.86534 AT (  566110.46,  4191734.22,   149.82,   580.55,
0.00)  DC
          8TH HIGHEST VALUE IS       6.42781 AT (  566130.46,  4191734.22,   154.22,   580.55,
0.00)  DC
          9TH HIGHEST VALUE IS       5.47978 AT (  566150.46,  4191734.22,   160.40,   580.55,
0.00)  DC
         10TH HIGHEST VALUE IS       4.74761 AT (  566170.46,  4191734.22,   166.81,   580.55,
0.00)  DC

ALL       1ST HIGHEST VALUE IS      36.24534 AT (  566190.46,  4191774.22,   159.26,   580.55,
0.00)  DC
          2ND HIGHEST VALUE IS      34.67276 AT (  566170.46,  4191774.22,   155.03,   580.55,
0.00)  DC
          3RD HIGHEST VALUE IS      18.05153 AT (  566130.46,  4191754.22,   150.48,   580.55,
0.00)  DC
          4TH HIGHEST VALUE IS      16.67184 AT (  566150.46,  4191754.22,   155.01,   580.55,
0.00)  DC
          5TH HIGHEST VALUE IS      14.88855 AT (  566170.46,  4191754.22,   160.59,   580.55,
0.00)  DC
          6TH HIGHEST VALUE IS      14.83377 AT (  566190.46,  4191754.22,   165.86,   580.55,
0.00)  DC
          7TH HIGHEST VALUE IS      11.04719 AT (  566110.46,  4191734.22,   149.82,   580.55,
0.00)  DC
          8TH HIGHEST VALUE IS      10.79272 AT (  566130.46,  4191734.22,   154.22,   580.55,
0.00)  DC
          9TH HIGHEST VALUE IS       8.90561 AT (  566150.46,  4191734.22,   160.40,   580.55,
0.00)  DC
         10TH HIGHEST VALUE IS       7.85929 AT (  566170.46,  4191734.22,   166.81,   580.55,
0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 303
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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


                                      ** CONC OF PM_2.5   IN MICROGRAMS/M**3                          **

                                                     DATE
                       NETWORK
GROUP ID                          AVERAGE CONC     (YYMMDDHH)             RECEPTOR  (XR, YR, ZELEV,
ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - -
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PAREA1   HIGH   1ST HIGH VALUE IS    3167.48947  ON 11120608: AT (  566170.46,  4191774.22,   155.03,
 580.55,    0.00)  DC

SLINE1   HIGH   1ST HIGH VALUE IS    1292.30953  ON 12011608: AT (  566190.46,  4191774.22,   159.26,
 580.55,    0.00)  DC

ALL      HIGH   1ST HIGH VALUE IS    4349.27475  ON 12011608: AT (  566170.46,  4191774.22,   155.03,
 580.55,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 21112  ***   *** C:\Lakes\AERMOD View\UCB_LFF_Const\UCB_LFF_Const.isc
     ***        07/15/22
 *** AERMET - VERSION  14134 ***   *** UCB LFF Construction HRA
     ***        10:56:55

                PAGE 304
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            0 Warning Message(s)
 A Total of         7953 Informational Message(s)

 A Total of        43872 Hours Were Processed

 A Total of         7152 Calm Hours Identified

 A Total of          801 Missing Hours Identified (  1.83 Percent)


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


    ********   WARNING MESSAGES   ********
               ***  NONE  ***


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