# **Appendix B-2**

Air Quality and Greenhouse Gas Emissions Technical Memorandum for the Pacific Specific Plan Project Alternative



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# **MEMORANDUM**

To: City of San Marcos From: Adam Poll, Dudek

Subject: Air Quality and Greenhouse Gas Emissions Technical Memorandum for the Reduced Pacific

Specific Plan Project Alternative

Date: February 13, 2024

cc: Vanessa Scheidel, Dudek
Attachments: A – CalEEMod Output Files

B - Construction HRA Output Files

C - CAP Consistency Worksheet

The purpose of this technical memorandum is to assess the potential air quality and greenhouse gas (GHG) emissions impacts associated with construction and operation of the Reduced Pacific Specific Plan Project Alternative (reduced project). This analysis uses the significance thresholds in Appendix G of the California Environmental Quality Act (CEQA) Guidelines (14 CCR 15000 et seq.) and the emissions-based significance thresholds recommended by the San Diego Air Pollution Control District (SDAPCD) and other applicable thresholds of significance. This analysis compares the potential impacts of the reduced project to that which was evaluated in the Air Quality and Greenhouse Gas Emissions Technical Report for the Pacific Project (Dudek report), dated February 6, 2023 (Dudek 2023) (original project).

Section 1, Project Description, discusses the details of the reduced project design. Section 2, Approach and Methodology, discusses the approach to estimating emissions of criteria air pollutants and GHG emissions during construction and operation of the reduced project. Section 3, Air Quality, describes the thresholds of significance and presents an air quality impact analysis per Appendix G of the CEQA Guidelines. Section 4, Greenhouse Gas Emissions, describes the GHG emissions–related thresholds of significance and presents a GHG emissions impact analysis per Appendix G of the CEQA Guidelines. Section 5, Conclusions, summarizes the findings of the analysis. Section 6, References Cited, includes a list of the references cited in this technical report.

# 1 Project Description

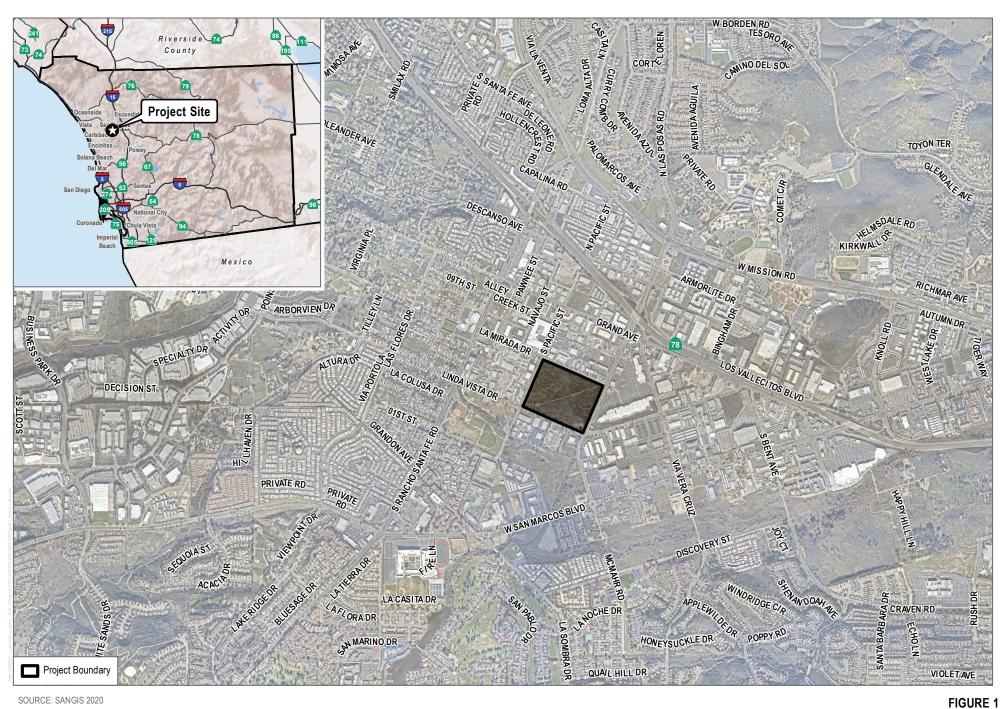
The approximately 33-acre project site is located in the western portion of the City, at the northwest corner of Las Posas Road and Linda Vista Drive. The 33.2-acre project site is an infill site located in the western portion of the City of San Marcos (City), at the northwest corner of S. Las Posas Road and Linda Vista Drive, comprised of Assessor's Parcel Numbers 219-222-01, 219-222-02, 219-222-03, and 219-222-04. La Mirada Drive abuts the site's northern boundary, while South Pacific Street abuts the property's western boundary. The Grand Plaza shopping center is located directly across Las Posas Road to the east. Light industrial uses are adjacent to the site's

northern, southern, and western boundary, and Bradley Park is located across from the site's southwestern corner. Single- and multi-family residential uses are located to the west and south of Bradley Park.

The reduced project consists of 299 residential units, including a mix of rowhomes, villas, and affordable flats on approximately 13.3 acres of the 33.2-acre project site. The reduced project includes a total of 646 parking spaces and 111,025 square feet of common open space area. 45 of the 299 total units (15% of the total) would be designated as deed-restricted affordable units (alternatively, the project reserves the option to contribute to the affordable housing fund by paying the in-lieu fee). The reduced project also includes landscaping, bio-retention areas, and circulation improvements. The remaining approximately 19.9 acres of the 33.2-acre project site would be preserved and restored as open space and habitat area. The reduced project would have a density of approximately 8.99 dwelling units per acre, including the open space and habitat area. Figure 1 shows the location of the reduced project and Figure 2 provides a site plan.

The reduced project proposes a General Plan Amendment, Rezone, Specific Plan, Tentative Map, and Multi-Family Site Development Plan. The General Plan Amendment and Rezone would change the General Plan designation and Zoning from Industrial (I) to Specific Plan Area (SPA). Off-site improvements would be similar to that of the proposed project.





SOURCE: SANGIS 2020

**Project Location** 



SOURCE: Summa Architecture, 2024

# 2 Approach and Methodology

# 2.1 Construction

Construction assumptions, including timing, phasing, and equipment type and quantity, as well as worker and vendor truck trips, were based on information provided by the applicant. Default values provided by the California Emissions Estimator Model (CalEEMod) were used where detailed project information was not available. For purposes of estimating project GHG emissions, it is assumed that construction of the reduced project would commence in June 2026<sup>1</sup> and would end in November 2027. Construction of the reduced project is anticipated to occur in five phases. Accordingly, five phases consisting of site preparation, grading, building construction, paving, and architectural coating were assumed. The analysis contained herein is based on the following assumptions (the duration of phases is approximate):

- Site Preparation: 10 days (June 2026)
- Grading: 2 months (June 2026 July 2026)
- Building Construction: 14 months (July 2026 September 2027)
- Paving: 1 month (September 2027 October 2027)
- Architectural Coating: 1 month (October 2027 November 2027)

The construction equipment mix used for estimating construction emissions of the reduced project is based on CalEEMod defaults and is shown in Table 1, Construction Scenario Assumptions. For worker and vendor truck trips, the default CalEEMod assumptions for one-way trips were rounded up to the nearest even number to account for whole round trips. For this analysis, it was generally assumed that heavy construction equipment would operate 5 days a week (22 days per month) during project construction. Grading activities were anticipated to be minimal for the reduced project; therefore, no haul trucks would be required to import or export material. VOC off-gassing emissions result from evaporation of solvents contained in surface coatings, such as in paints and primers used during the architectural coating phase. The VOC emissions factor is based on the VOC content of the surface coatings. SDAPCD's Rule 67.0.1 (Architectural Coatings) governs the VOC content for interior and exterior coatings (SDAPCD 2015): internal reapplication architectural coatings would have a VOC content of 50 grams per liter (g/L), and exterior architectural coatings would have a VOC content of 100 g/L.

**Table 1. Construction Scenario Assumptions - Reduced Project** 

	One-Way 1	rips -				
Construction Phase	Daily Workers	Daily Vendor Trucks	Total Haul Trucks	Equipment	Quantity	Hours Per Day
Site Preparation	18	4	0	Rubber-Tired Dozers	3	8

The analysis assumes a construction start date of June 2026, which represents the earliest date construction would initiate (although unlikely). Assuming the earliest start date for construction represents the worst-case scenario for criteria air pollutant emissions because equipment and vehicle emission factors for later years would be slightly less due to more stringent standards for in-use off-road equipment and heavy-duty trucks, as well as fleet turnover replacing older equipment and vehicles in later years.



**Table 1. Construction Scenario Assumptions - Reduced Project** 

	One-Way	Trips				
Construction Phase	Daily Workers	Daily Vendor Trucks	Total Haul Trucks	Equipment	Quantity	Hours Per Day
				Tractors/Loaders/ Backhoes	4	8
Grading	20	4	0	Excavators	2	8
				Graders	1	8
				Rubber-Tired Dozers	1	8
				Scrapers	2	8
				Tractors/Loaders/		
				Backhoes	2	8
Building Construction	324	74	0	Cranes	1	7
				Forklifts	3	8
				Generator Sets	1	8
				Tractors/Loaders/ Backhoes	3	7
				Welders	1	8
Paving	16	4	0	Pavers	2	8
				Paving Equipment	2	8
				Rollers	2	8
Architectural Coating	66	4	0	Air Compressors	1	6

Notes: See Appendix A.

The reduced project would implement dust control strategies. To reflect implementation of proposed dust control strategies, the following was assumed in CalEEMod in accordance with SDAPCD Rule 55:

- Water exposed area two times per day (55% reduction in PM<sub>10</sub> and PM<sub>2.5</sub>).
- Limit unpaved road travel to 15 miles per hour.

#### Health Risk Assessment

As a precautionary measure, a health risk assessment (HRA) was performed to assess the impact of construction on sensitive receptors proximate to the reduced project. This report includes an HRA associated with emissions from construction of the reduced project based on the methodologies prescribed in the Office of Environmental Health Hazard Assessment (OEHHA) Air Toxics Hot Spots Program Risk Assessment Guidelines – Guidance Manual for Preparation of Health Risk Assessments (OEHHA 2015). To implement the OEHHA Guidelines based on Project information, the SDAPCD has developed a three-tiered approach where each successive tier is progressively more refined, with fewer conservative assumptions. The SDAPCD Supplemental Guidelines for Submission of Air Toxics "Hot Spots" Program Health Risk Assessments provides guidance with which to perform HRAs within the SDAB (SDAPCD 2022).

Health effects from carcinogenic air toxics are usually described in terms of cancer risk. The SDAPCD recommends a carcinogenic (cancer) risk threshold of 10 in a million. Additionally, some TACs increase non-cancer health risk

due to long-term (chronic) exposures. The Chronic Hazard Index is the sum of the individual substance chronic hazard indices for all TACs affecting the same target organ system. The SDAPCD recommends a Chronic Hazard Index significance threshold of 1.0 (project increment). The exhaust from diesel engines is a complex mixture of gases, vapors, and particles, many of which are known human carcinogens. DPM has established cancer risk factors and relative exposure values for long-term chronic health hazard impacts. No short-term, acute relative exposure level has been established for DPM; therefore, acute impacts of DPM are not addressed in this assessment. This HRA evaluated the risk to future residents from diesel emissions from exhaust from onsite construction equipment and diesel haul and vendor trucks.

The dispersion modeling of DPM was performed using the American Meteorological Society/EPA Regulatory Model (AERMOD), which is the model SDAPCD requires 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 (EPA 2015). For the reduced project, AERMOD was run with all sources emitting unit emissions (1 gram per second) 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 X/Q values of ground-level concentrations were determined for construction emissions using AERMOD and the maximum concentrations determined for the 1-hour and Period averaging periods. Principal parameters of this modeling are presented in Table 2.

**Table 2. AERMOD Principal Parameters - Reduced Project** 

Parameter	Details
Meteorological Data	The latest 3-year meteorological data (2010–2012) for the Escondido Station (Station ID 3177) from SDAPCD were downloaded and then input to AERMOD. For cancer or chronic noncancer risk assessments, the average cancer risk of all years modeled was used.
Urban versus Rural Option	Urban areas typically have more surface roughness, as well as structures and low- albedo surfaces that absorb more sunlight—and thus more heat—relative to rural areas. However, based on the SDAPCD guidelines, the rural dispersion option was selected due to the reduced project's proximity to the ocean.
Terrain Characteristics	The terrain in the vicinity of the modeled project site is generally flat. The elevation of the modeled site is about 545 feet above sea level. Digital elevation model files were imported into AERMOD so that complex terrain features were evaluated as appropriate.
Elevation Data	Digital elevation data were imported into AERMOD, and elevations were assigned to the emission sources and receptors. Digital elevation data were obtained through AERMOD View in the United States Geological Survey's National Elevation Dataset format with a 30-meter resolution.
Emission Sources and Release Parameters	Air dispersion modeling of DPM from construction equipment was conducted using emissions estimated using the CalEEMod, assuming emissions would occur 8 hours per day, 5 days per week. The reduced project area was modeled as a series of volume sources.
Source Release Characterizations	Based on EPA methodology, the modeled line volume sources would result in a release height of 3.4 meters, a plume height of 6.8 meters, and a plume width of 8.6 meters for off-road equipment and diesel trucks (EPA 2015).



**Table 2. AERMOD Principal Parameters - Reduced Project** 

Parameter	Details
Discrete Receptors	A uniform Cartesian grid overlaying residential receptors in close proximity to the reduced project with 20-meter resolution was placed. Additional discrete receptors were placed over residences not within the uniform Cartesian grid.

Note: See Appendix B.

Dispersion model plotfiles from AERMOD were then imported into CARB's Hotspots Analysis and Reporting Program Version 2 to determine health risk, which requires peak 1-hour emission rates and annual-averaged emission rates for all pollutants for each modeling source. For the residential health risk, the HRA assumes exposure would start in the third trimester of pregnancy. The results of the HRA are provided in Section 3.2, and detailed results and methodology are provided in Appendix B.

# 2.2 Operation

Emissions from the operational phase of the reduced project was estimated using CalEEMod. Operational year 2027 was assumed because it would coincide with completion of construction.

#### **Area Sources**

The reduced project would generate air quality emissions from area sources. Consumer products are chemically formulated products used by household and institutional consumers, including detergents; cleaning compounds; polishes; floor finishes; cosmetics; personal care products; home, lawn, and garden products; disinfectants; sanitizers; aerosol paints; and automotive specialty products. Other paint products, furniture coatings, or architectural coatings are not considered consumer products (CAPCOA 2021). The CalEEMod default values for consumer products were modeled.

VOC off-gassing emissions result from evaporation of solvents contained in surface coatings, such as in paints and primers used during building maintenance. CalEEMod calculates the VOC evaporative emissions from application of surface coatings based on the VOC emissions factor, the building square footage, the assumed fraction of surface area, and the reapplication rate. The VOC emissions factor is based on the VOC content of the surface coatings, and SDAPCD's Rule 67.0.1 (Architectural Coatings) governs the VOC content for interior and exterior coatings (SDAPCD 2015). The model default reapplication rate of 10% of area per year is assumed. Consistent with CalEEMod defaults, it was assumed that the surface area for painting equals 2.7 times the floor square footage, with 75% assumed for interior coating and 25% assumed for exterior surface coating (CAPCOA 2021). Consistent with the architectural coatings used during the construction phase, the applicant would use architectural coatings with a VOC content of 50 g/L for internal reapplication, and a VOC content of 100 g/L for exterior architectural coatings for any reapplication during operation.

Landscape maintenance includes fuel combustion emissions from equipment such as lawn mowers, rototillers, shredders/grinders, blowers, trimmers, chainsaws, and hedge trimmers. Emissions from landscape equipment use are estimated based on CalEEMod default values for emission factors (grams per square foot of nonresidential building space per day) and number of summer days (when landscape maintenance would generally be performed)



and winter days. Emissions associated with potential landscape maintenance equipment were included to conservatively capture potential project operational emission sources.

No woodstoves or wood burning fireplaces would be included in the reduced project design; therefore, they were not included in the CalEEMod analysis. The reduced project would include natural gas fireplaces and are included in the CalEEMod analysis.

# **Energy Sources**

As represented in CalEEMod, energy sources would include emissions associated with building electricity and natural gas usage. Electricity use would contribute indirectly to criteria air pollutant emissions; however, the emissions from electricity use are only quantified for GHGs in CalEEMod, since criteria pollutant emissions occur at the site of the power plant, which is typically off site.

Operational criteria air pollutant emissions from energy sources include natural gas combustion for appliances and space and water heating. The current Title 24, Part 6 standards, referred to as the 2019 Title 24 Building Energy Efficiency Standards, became effective on January 1, 2020. CalEEMod defaults were assumed for electricity and natural gas.

CalEEMod default energy intensity factors ( $CO_2$ ,  $CH_4$ , and  $N_2O$  mass emissions per kilowatt hour) for SDG&E are based on the value for SDG&E's energy mix in 2021. As explained in Section 3.2.2, SB X1-2 established a target of 33% from renewable energy sources for all electricity providers in California by 2020, and SB 350 calls for further development of renewable energy, with a target of 50% by 2030.

#### **Mobile Sources**

The reduced project would generate air quality emissions from mobile sources (vehicular traffic) as a result of the residents of the reduced project. CalEEMod was used to estimate emissions from proposed vehicular sources (refer to Appendix A). The trip generation rates for the reduced project residential land use were adjusted in CalEEMod to match the overall weekday daily trips based on the Traffic Impact Analysis (LLG 2021). CalEEMod default data, trip modes, trip lengths, fleet mix, and emissions factors were used for the model inputs. CalEEMod default vehicle emission factors and vehicle fleet mix for 2027, as based on the CARB EMFAC2017 model, were used to estimate emissions associated with vehicular sources.

#### Solid Waste

The reduced project would generate solid waste and therefore would result in CO<sub>2</sub>e emissions associated with landfill off-gassing. CalEEMod default values were used to estimate GHG emissions associated with solid waste.

### Water and Wastewater

Supply, conveyance, treatment, and distribution of water for the reduced project would require the use of electricity, which would result in associated indirect GHG emissions. Similarly, wastewater generated by the reduced project would require the use of electricity for conveyance and treatment, along with GHG emissions generated during wastewater treatment. Water consumption estimates for both indoor and outdoor water use relied on CalEEMod default assumptions.



# 3 Air Quality Assessment

# 3.1 Thresholds of Significance

Appendix G of the CEQA Guidelines (14 CCR 15000 et seq.) provides guidance for evaluating whether a development project may result in significant impacts. Based on Appendix G of the CEQA Guidelines, the reduced project would have a significant impact on air quality if the reduced project would:

- 1. Conflict with or obstruct implementation of the applicable air quality plan.
- 2. Result in a cumulatively considerable net increase of any criteria pollutant for which the reduced project region is nonattainment under an applicable federal or state ambient air quality standard.
- 3. Expose sensitive receptors to substantial pollutant concentrations.
- 4. Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people.

Appendix G of the CEQA Guidelines (14 CCR 15000 et seq.) indicates that, where available, the significance criteria established by the applicable air quality management district or pollution control district may be relied upon to determine whether the reduced project would have a significant impact on air quality. As part of its air quality permitting process, the SDAPCD has established thresholds in Rule 20.2 requiring the preparation of Air Quality Impact Assessments for permitted stationary sources. The SDAPCD sets forth quantitative emission thresholds below which a stationary source would not have a significant impact on ambient air quality. Project-related air quality impacts estimated in this environmental analysis would be considered significant if any of the applicable significance thresholds presented in Table 3 are exceeded.

For CEQA purposes, these screening criteria can be used as numeric methods to demonstrate that a project's total emissions would not result in a significant impact to air quality.

For nonattainment pollutants, if emissions exceed the thresholds shown in Table 3, the reduced project could have the potential to result in a cumulatively considerable net increase in these pollutants and thus could have a significant impact on ambient air quality. A project that involves a use that would produce objectionable odors would be deemed to have a significant odor impact if it would affect a considerable number of off-site receptors.

**Table 3. San Diego Air Pollution Control District Air Quality Significance Thresholds** 

Construction Emissions					
Pollutant	Total Emissions (Pounds per Day)				
Respirable particulate matter (PM <sub>10</sub> )	100				
Fine particulate matter (PM <sub>2.5</sub> )	55				
Oxides of nitrogen (NO <sub>x</sub> )	250				
Sulfur oxides (SO <sub>x</sub> )	250				
Carbon monoxide (CO)	550				
Volatile organic compounds (VOC)	137ª				



Table 3. San Diego Air Pollution Control District Air Quality Significance Thresholds

Construction Emissions						
Pollutant	Total Emission	Total Emissions (Pounds per Day)				
Operational Emissions						
Total Emissions						
Pollutant	Pounds per Hour	Pounds per Day	Tons per Year			
Respirable particulate matter (PM <sub>10</sub> )	_	100	15			
Fine particulate matter (PM <sub>2.5</sub> )	_	55	10			
Oxides of nitrogen (NO <sub>x</sub> )	25	250	40			
Sulfur oxides (SO <sub>x</sub> )	25	250	40			
Carbon monoxide (CO)	100	550	100			
Lead and lead compounds	_	3.2	0.6			
Volatile organic compounds (VOCs)	_	137ª	13.7			

Source: SDAPCD Rules 1501 and 20.2(d)(2).

# 3.2 Impact Analysis

### Threshold 1: Would the project conflict with or obstruct implementation of the applicable air quality plan?

The SDAPCD is responsible for developing and implementing the clean air plans for attainment and maintenance of the ambient air quality standards in the SDAB—specifically, the SIP and RAQS.<sup>2</sup> SANDAG is responsible for developing forecasts and data that are used by the SDAPCD in preparing the SIP and RAQS. The federal O<sub>3</sub> maintenance plan, which is part of the SIP, was adopted in 2012. The SIP includes a demonstration that current strategies and tactics will maintain acceptable air quality in the basin based on the NAAQS. The RAQS was initially adopted in 1991 and is updated every 3 years (most recently in 2022). The RAQS outlines SDAPCD's plans and control measures designed to attain the state air quality standards for O<sub>3</sub>. The SIP and RAQS rely on information from CARB and SANDAG, including mobile and area source emissions, as well as information regarding projected growth in the County as a whole and the cities in San Diego County, to project future emissions and determine the strategies necessary for the reduction of emissions through regulatory controls. CARB mobile source emission projections and SANDAG growth projections are based on population, vehicle trends, and land use plans developed by the County and the cities in the County as part of development of their general plans.

Although the SDAPCD and City do not provide guidance regarding the analysis of impacts associated with air quality plan conformance, the County's Guidelines for Determining Significance and Report and Format and Content Requirements – Air Quality does discuss conformance with the RAQS (County of San Diego 2007). The guidance indicates that, if the reduced project, in conjunction with other projects, contributes to growth projections that would not exceed SANDAG's growth projections for a city, the reduced project would not be in conflict with the RAQS. If a

<sup>&</sup>lt;sup>2</sup> For the purpose of this discussion, the relevant federal air quality plan is the Ozone Maintenance Plan (SDAPCD 2012). The RAQS is the applicable plan for purposes of state air quality planning. Both plans reflect growth projections in the SDAB.



VOC threshold based on South Coast Air Quality Management District (SCAQMD) levels per the SCAQMD and the Monterey Bay Air Pollution Control District, which have similar federal and state attainment status to San Diego.

project includes development that is greater than that anticipated in the local plan and SANDAG's growth projections, the reduced project might be in conflict with the SIP and RAQS and may contribute to a potentially significant cumulative impact on air quality (County of San Diego 2007). The reduced project's proposed zoning is compared to the existing land use designation on the site and then the reduced project's growth inducing impacts are compared to those included in the SANDAG's growth projections for the City.

The reduced project site is currently zoned Industrial (I) with a maximum floor-to-area ratio of 0.50. The floor-to-area ratio means the ratio of gross building area of the development, excluding structured parking areas, proposed for the reduced project divided by the net lot area. According to the City of San Marcos Municipal Code, the Industrial (I) land use zone is intended to "provide a setting for the full range of indoor manufacturing, distribution, warehousing, processing, and general service uses that are adequately served by vehicular arterials and utilities. Industries that use hazardous materials, require heavy equipment, and/or that generate sustained noise levels are deemed appropriate for this Zone, and may be permitted according to the standards of this chapter. The I Zone is intended to implement and be consistent with the Industrial land use designation of the General Plan" (City of San Marcos 2020a).

The reduced project proposes a GPA/Rezone to change the land use from an Industrial (I) to a SPA. This target density would net a maximum of 299 dwelling units. The City projects an increase of 3,170 housing units between 2020 and 2035 (SANDAG 2013), and the reduced project would account for 9% of the projected housing units to increase in the City between 2020 and 2035 in the SANDAG Series 13 forecast. The reduced project would be within the growth projections for the City; thus, the reduced project would result in regional growth that is accounted for within the RAQS. Furthermore, at a regional level, the growth is consistent with the underlying growth forecasts in the SIP and RAQS. Therefore, implementation of the reduced project would not conflict with the RAQS or SIP, and potential future development would be consistent with the growth in the region. The reduced project's proximity to State Route 78 and the Palomar College Sprinter station and bus station make for ideal connectivity to a regional transportation network, employment centers, and shopping and services. In addition, the reduced project would implement applicable measures in the City's 2020 CAP Consistency Checklist (see Appendix C), which would result in co-benefits to reducing the reduced project's operational air quality emissions by installing electric vehicle charging stations, installing bicycle infrastructure, implementing a Transportation Demand Management Plan, and reducing parking near transit. These measures would further reduce the reduced project's emissions from vehicle trips, increase access to transit, and encourage alternative modes of transportation. Consistent with the original project, impacts would be less than significant.

Threshold 2: Would the project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is nonattainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?

In analyzing cumulative impacts from a project, the analysis must specifically evaluate a project's contribution to the cumulative increase in pollutants for which the air basin is designated as nonattainment for the CAAQS and NAAQS. If a project does not exceed thresholds and is determined to have less-than-significant project-specific impacts, it may still contribute to a significant cumulative impact on air quality if the emissions from the reduced project, in combination with the emissions from other proposed or reasonably foreseeable future projects, are in excess of established thresholds. However, a project would only be considered to have a significant cumulative impact if the reduced project's contribution accounts for a significant proportion of the cumulative total emissions (i.e., it represents a "cumulatively considerable contribution" to the cumulative air quality impact).



Additionally, for the SDAB, the RAQS serves as the long-term regional air quality planning document for the purpose of assessing cumulative operational emissions to ensure that the SDAB continues to make progress toward NAAQS and CAAQS attainment status. As such, cumulative projects located in the San Diego region would have the potential to result in a cumulative impact to air quality if, in combination, they would conflict with or obstruct implementation of the RAQS. Similarly, individual projects that are inconsistent with the regional planning documents upon which the RAQS is based would have the potential to result in cumulative operational impacts if they represent development and population increases beyond regional projections.

The SDAB has been designated as a federal nonattainment area for  $O_3$  and a state nonattainment area for  $O_3$ ,  $PM_{10}$ , and  $PM_{2.5}$ .  $PM_{10}$  and  $PM_{2.5}$  emissions associated with construction generally result in "near-field" impacts. The nonattainment status is the result of cumulative emissions from all sources of these air pollutants and their precursors within the SDAB. Construction would be short term and temporary, and once construction is completed, construction-related emissions would cease. Operational emissions generated by the reduced project would not exceed the significance thresholds for VOCs,  $NO_x$ , CO,  $SO_x$ ,  $PM_{10}$ , or  $PM_{2.5}$ , and would not cause a significant impact. As such, the reduced project would result in less-than-significant impacts to air quality relative to operational emissions.

Construction of the reduced project would result in the temporary addition of pollutants to the local airshed caused by soil disturbance, fugitive dust emissions, and combustion pollutants from on-site construction equipment, as well as from off-site trucks hauling construction materials. Construction emissions can vary substantially from day to day, depending on the level of activity, the specific type of operation, and for dust, the prevailing weather conditions. Therefore, such emissions levels can only be estimated, with a corresponding uncertainty in precise ambient air quality impacts. Fugitive dust  $(PM_{10} \text{ and } PM_{2.5})$  emissions would primarily result from grading and site preparation activities.  $NO_x$  and CO emissions would primarily result from the use of construction equipment and motor vehicles.

Construction emissions were calculated using CalEEMod for the estimated worst-case day over the construction period associated with each phase and reported as the maximum daily emissions estimated during each year of construction (2026 and 2027). Construction schedule assumptions, including phase type, duration, and sequencing, were based on information provided by the applicant and is intended to represent a reasonable scenario based on the best information available. A detailed depiction of the construction schedule—including information regarding phasing, equipment used during each phase, haul trucks, vendor trucks, and worker vehicles—is included in Section 2.1, Construction, of this report. The information contained in Appendix A (CalEEMod Output Files) was used for the CalEEMod inputs.

Implementation of the reduced project would generate temporary air pollutant emissions from entrained dust, off-road equipment, vehicle emissions, architectural coatings, and asphalt pavement application. Entrained dust results from the exposure of earth surfaces to wind from the direct disturbance and movement of soil, resulting in  $PM_{10}$  and  $PM_{2.5}$  emissions. The reduced project is subject to SDAPCD Rule 55, Fugitive Dust Control. This rule requires that the reduced project take steps to restrict visible emissions of fugitive dust beyond the property line. Compliance with Rule 55 would limit fugitive dust ( $PM_{10}$  and  $PM_{2.5}$ ) that may be generated during grading and construction activities. To account for dust control measures in the calculations, it was assumed that the active sites would be watered at least two times daily, resulting in an approximately 55% reduction of PM. Compliance with Rule 55 would be required as a standard condition of project approval or for issuance of a grading permit.



Exhaust from internal combustion engines used by construction equipment, hauling trucks (dump trucks), vendor trucks (delivery trucks), and worker vehicles would result in temporary emissions of NO<sub>x</sub>, VOC, CO, SO<sub>x</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub>. Application of architectural coatings, such as exterior/interior paint and other finishes, would also produce VOC emissions; however, the contractor is required to procure architectural coatings from a supplier in compliance with the requirements of SDAPCD Rule 67.0.1, Architectural Coatings. This rule requires manufacturers, distributors, and end users of architectural and industrial maintenance coatings to reduce VOC emissions from the use of these coatings, primarily by placing limits on the VOC content of various coating categories (SDAPCD 2015). The reduced project would comply with SDAPCD Rule 67.0.1 through the incorporation of low-VOC architectural coatings. The VOC content assumed for the analysis was 50 g/L for interior coatings and 100 g/L for exterior coatings.

Table 4 shows the estimated maximum daily construction emissions associated with the construction of the reduced project and original project. Details of the emissions calculations are provided in Appendix A of this report.

**Table 4. Estimated Maximum Daily Construction Emissions - Unmitigated** 

	VOC	NO <sub>x</sub>	СО	SO <sub>x</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>	
Year	Pounds per	Pounds per Day					
	Original Project						
2023	3.39	34.73	29.46	0.08	10.29	5.76	
2024	188.94	19.15	28.57	0.08	5.35	1.88	
Maximum daily emissions	188.94	34.73	29.46	80.0	10.29	5.76	
Emission threshold	75	250	550	250	100	55	
Threshold exceeded?	Yes	No	No	No	No	No	
		Reduce	d Project				
2026	2.96	28.15	26.78	0.06	10.11	5.59	
2027	126.25	16.07	23.21	0.06	3.72	1.38	
Maximum daily emissions	126.25	28.15	26.78	0.06	10.11	5.59	
Emission threshold	75	250	550	250	100	55	
Threshold exceeded?	Yes	No	No	No	No	No	

**Notes:** VOC = volatile organic compound;  $NO_x$  = oxides of nitrogen; CO = carbon monoxide;  $SO_x$  = sulfur oxides;  $PM_{10}$  = particulate matter with an aerodynamic diameter equal to or less than 10 microns;  $PM_{2.5}$  = particulate matter with an aerodynamic diameter equal to or less than 2.5 microns.

The values shown are the maximum summer or winter daily emissions results from CalEEMod and provided in Appendix A. The maximum emissions assumes compliance with SDAPCD Rule 67.0.1, Architectural Coatings, and SDAPCD Rule 55, Fugitive Dust Control.

As shown in Table 4, daily construction emissions would not exceed the significance thresholds for  $NO_x$ , CO,  $SO_x$ ,  $PM_{10}$ , or  $PM_{2.5}$ ; however, the reduced project would exceed the significance threshold for VOC. The reduced project would result in fewer daily emissions compared to the original project.

Following completion of construction activities, the reduced project would generate VOC,  $NO_x$ , CO,  $SO_x$ ,  $PM_{10}$ , and  $PM_{2.5}$  emissions from mobile sources, including vehicular traffic generated by residents of the reduced project; area sources, including the use of landscaping equipment and consumer products; and from architectural coatings.

See Appendix A for output files and modeling details.

Table 5 presents the maximum daily emissions associated with operation of the original project and reduced project after all construction has been completed. The values shown for motor vehicles and area sources are the maximum summer or winter daily emissions results from CalEEMod.

**Table 5. Estimated Project Maximum Daily Operational Emissions - Unmitigated** 

	VOC	NO <sub>x</sub>	CO	SO <sub>x</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>	
Emission Source	Pounds per	Day					
Original project							
Area	12.77	7.88	40.29	0.05	0.81	0.81	
Energy	0.10	0.82	0.35	0.01	0.07	0.07	
Mobile	7.76	8.55	71.42	0.15	16.31	4.42	
Total	20.63	17.25	112.06	0.21	17.19	5.30	
Emission threshold	55	250	550	250	100	55	
Threshold exceeded?	No	No	No	No	No	No	
		Re	duced project				
Area	8.51	5.24	26.82	0.03	0.54	0.54	
Energy	0.06	0.55	0.23	0.00	0.04	0.04	
Mobile	4.62	4.45	41.27	0.09	10.85	2.93	
Total	13.19	10.24	68.32	0.12	11.43	3.51	
Emission threshold	55	250	550	250	100	55	
Threshold exceeded?	No	No	No	No	No	No	

**Notes:** VOC = volatile organic compound;  $NO_x$  = oxides of nitrogen; CO = carbon monoxide;  $SO_x$  = sulfur oxides;  $PM_{10}$  = particulate matter with an aerodynamic diameter equal to or less than 10 microns;  $PM_{2.5}$  = particulate matter with an aerodynamic diameter equal to or less than 2.5 microns.

See Appendix A for output files and modeling details.

As shown in Table 5, the daily operational emissions from the reduced project would not exceed the significance thresholds for VOC,  $NO_x$ , CO,  $SO_x$ ,  $PM_{10}$ , or  $PM_{2.5}$ . Operational emissions from the reduced project would be less than those of the original project.

Regarding long-term cumulative operational emissions in relation to consistency with local air quality plans, the SIP and RAQS serve as the primary air quality planning documents for the state and SDAB, respectively. The SIP and RAQS rely on SANDAG growth projections based on population, vehicle trends, and land use plans developed by the cities and the County as part of development of their general plans. Development that is consistent with the growth anticipated by local plans would be consistent with the SIP and RAQS and would result in emissions that are accounted for. Projects that conform to the permitted land use, or result in a less emissions-intensive use, and are therefore accounted for in the SIP and RAQS and would not be considered to result in cumulatively considerable impacts from operational emissions. As stated previously, the reduced project would result in fewer vehicle miles traveled than buildout of the land use built under the existing land use designation that was anticipated by the RAQS, and would be within the housing growth projections assumed in the SIP and RAQS; therefore, the reduced project would not result in significant regional emissions that are not accounted for within the RAQS.



However, project construction would exceed the significance threshold for VOC. As a result, the potential for the reduced project to result in a cumulatively considerable net increase of any criteria pollutant for which the reduced project region is nonattainment under an applicable national or California ambient air quality standard is **potentially significant**.

### Threshold 3: Would the project expose sensitive receptors to substantial pollutant concentrations?

Air quality varies as a direct function of the amount of pollutants emitted into the atmosphere, the size and topography of the air basin, and the prevailing meteorological conditions. Air quality problems arise when the rate of pollutant emissions exceeds the rate of dispersion. Reduced visibility, eye irritation, and adverse health impacts on those persons termed "sensitive receptors" are the most serious hazards of existing air quality conditions in the area. Some land uses are considered more sensitive to changes in air quality than others, depending on the population groups and the activities involved. People most likely to be affected by air pollution, as identified by CARB, include children, older adults, athletes, and people with cardiovascular and chronic respiratory diseases; however, for the purposes of this analysis, residents are also considered sensitive receptors. As such, sensitive receptors include residences, schools, playgrounds, childcare centers, athletic facilities, long-term healthcare facilities, rehabilitation centers, convalescent centers, and retirement homes.

## Health Impacts of Toxic Air Contaminants

In addition to impacts from criteria pollutants, project impacts may include emissions of pollutants identified by the state and federal government as TACs or hazardous air pollutants. State law has established the framework for California's TAC identification and control program, which is generally more stringent than the federal program and aimed at TACs that are a problem in California. The state has formally identified more than 200 substances as TACs, including the federal hazardous air pollutants, and is adopting appropriate control measures for sources of these TACs. The greatest potential for TAC emissions during construction would be diesel particulate emissions from heavy-duty equipment operations and heavy-duty trucks, and the associated health impacts to sensitive receptors. The following measures are required by state law to reduce diesel particulate emissions:

- Fleet owners of mobile construction equipment are subject to the CARB Regulation for In-use Off-road Diesel Vehicles (Title 13 California Code of Regulations, Chapter 9, Section 2449), the purpose of which is to reduce DPM and criteria pollutant emissions from in-use (existing) off-road diesel-fueled vehicles.
- All commercial diesel vehicles are subject to Title 13, Section 2485 of the California Code of Regulations, limiting
  engine idling time. Idling of heavy-duty diesel construction equipment and trucks during loading and unloading
  shall be limited to 5 minutes; electric auxiliary power units should be used whenever possible.

The greatest potential for TAC emissions during construction would be DPM emissions from heavy-duty equipment operations and heavy-duty trucks during construction of the reduced project and the associated health impacts to sensitive receptors.

However, as a precautionary measure, an HRA was performed to evaluate the risk from diesel exhaust emissions on existing sensitive receptors and future onsite receptors from construction activities. The HRA methodology was described in Section 2.1, and the detailed assessment is provided in Appendix B. Table 6 summarizes the results of the HRA for the original project and reduced project construction.



**Table 6. Construction Activity Health Risk Assessment Results** 

Impact Parameter	Units	Project Impact	CEQA Threshold	Level of Significance
	C	riginal project		
Cancer Risk	Per Million	6.4	10.0	Less than Significant
HIC	Not Applicable	0.005	1.0	Less than Significant
	R	educed project		
Cancer Risk	Per Million	6.2	10.0	Less than Significant
HIC	Not Applicable	0.005	1.0	Less than Significant

Source: Appendix B.

Notes: CEQA = California Environmental Quality Act; HIC = Chronic Hazard Index.

The results of the HRA demonstrate that the TAC exposure from construction diesel exhaust emissions from the previous and reduced project would result in cancer risk on site below the 10 in 1 million threshold, as well as Chronic Hazard Index less than 1.0. The reduced project would result in a lower cancer risk than the original project. Therefore, TAC emissions from construction of the reduced project would not expose sensitive receptors to substantial pollutant concentrations and would result in a **less than significant** impact. Upon completion of construction, the reduced project would not generate substantial TAC emissions. As such, impacts would be **less than significant** during operation.

## Health Impacts of Carbon Monoxide

As described previously, exposure to high concentrations of CO can result in dizziness, fatigue, chest pain, headaches, and impairment of central nervous system functions. Mobile-source impacts, including those related to CO, occur essentially on two scales of motion. Regionally, project-related construction travel would add to regional trip generation and increase the vehicle miles traveled within the local airshed and the SDAB. Locally, construction traffic would be added to the roadway system in the vicinity of the reduced project site. Although the SDAB is currently an attainment area for CO, there is a potential for the formation of microscale CO "hotspots" to occur immediately around points of congested traffic. Hotspots can form if such traffic occurs during periods of poor atmospheric ventilation, is composed of a large number of vehicles cold-started and operating at pollution-inefficient speeds, and/or is operating on roadways already crowded with non-project traffic. Because of continued improvement in vehicular emissions at a rate faster than the rate of vehicle growth and/or congestion, the potential for CO hotspots in the SDAB is steadily decreasing.

The Governor's Office of Planning and Research and the California Natural Resources Agency have issued new CEQA Guidelines for analyzing transportation impacts. By July 1, 2020, all CEQA lead agencies must analyze a project's transportation impacts using vehicle-miles traveled. Vehicle-miles traveled measures the distances vehicles will travel to and from a project, rather than congestion levels at intersections (LOS, graded on a scale of A–F). To account for this shift from LOS to vehicle-miles traveled, and evaluate the potential for CO hotspots for the reduced project, analysis performed by SCAQMD is leveraged as follows.

The SDAB is a CO maintenance area (western and central part of the SDAB only). As a screening analysis, the SCAQMD conducted CO modeling for the 2003 Air Quality Management Plan (Appendix V of SCAQMD 2003) for the four worst-case intersections in the South Coast Air Basin: (1) Wilshire Boulevard and Veteran Avenue, (2) Sunset Boulevard and Highland Avenue, (3) La Cienega Boulevard and Century Boulevard, and (4) Long Beach Boulevard



and Imperial Highway. At the time the 2003 Air Quality Management Plan was prepared, the intersection of Wilshire Boulevard and Veteran Avenue was the most congested intersection in Los Angeles County, with an average daily traffic volume of about 100,000 vehicles per day. Using CO emission factors for 2002, the peak modeled CO 1-hour concentration was estimated to be 4.6 ppm at the intersection of Wilshire Boulevard and Veteran Avenue.

For potential future development associated with approval of the reduced project, the daily traffic volume of 100,000 vehicles would be conservative compared to the traffic volumes of nearby intersections. When added to the maximum 1-hour CO concentration from 2019 through 2021 at the San Diego – 11403 Rancho Carmel Drive monitoring station, which was 4.1 ppm in 2019, the 1-hour CO would be 8.7 ppm, while the CAAQS is 20 ppm.

The SCAQMD modeled future year 8-hour CO concentrations at the Central Los Angeles monitoring site of 4.6 ppm in 2020. Adding the 4.6 ppm to the maximum 8-hour CO concentration from 2019 through 2021 at the San Diego – 11403 Rancho Carmel Drive monitoring station, which was 2.5 ppm in 2019, the 8-hour CO would be 7.1 ppm, while the CAAQS is 9.0 ppm.

Accordingly, CO concentrations at congested intersections would not exceed the 1-hour or 8-hour CO CAAQS unless projected daily traffic would exceed 100,000 vehicles per day. Potential future development at the reduced project site would not increase daily traffic volumes at any study intersection to more than 100,000 vehicles per day (LLG 2022).<sup>3</sup> Therefore, it is concluded that the reduced project traffic is not anticipated to create a CO hotspot, as emissions would be dispersed rapidly and would not be concentrated, and therefore no CO hotspots would be created. As such, impacts to sensitive receptors with regard to potential CO hotspots resulting from the reduced project's contribution to cumulative traffic-related air quality impacts would be **less than significant**.

#### Health Impacts of Criteria Air Pollutants

Construction of the reduced project would result in emissions that exceed the threshold for VOC without mitigation; however, project construction would not exceed significance thresholds for NOx, CO, SOx, PM10, or PM2.5. Project operation would not exceed significance thresholds for VOC, NOx, CO, SOx, PM10, or PM2.5. VOCs and NOx are precursors to O<sub>3</sub>, for which the SDAB is designated as nonattainment with respect to the NAAQS and CAAQS (the SDAB is designated by the EPA as an attainment area for the 1-hour O<sub>3</sub> NAAQS standard). The health effects associated with O<sub>3</sub> are generally associated with reduced lung function. The contribution of VOCs and NO<sub>x</sub> to regional ambient O<sub>3</sub> concentrations is the result of complex photochemistry. The increases in O<sub>3</sub> concentrations in the SDAB due to O<sub>3</sub> precursor emissions tend to be found downwind from the source location to allow time for the photochemical reactions to occur. However, the potential for exacerbating excessive O<sub>3</sub> concentrations also depends on the time of year that the VOC emissions occur because exceedances of the O<sub>3</sub> CAAQS/NAAQS tend to occur between April and October when solar radiation is highest. The holistic effect of a single project's emissions of O<sub>3</sub> precursors is speculative due to the lack of quantitative methods to assess this impact. Operation of the reduced project would not exceed the significance threshold for NOx; therefore, implementation of the reduced project would contribute minimally to regional O<sub>3</sub> concentrations and the associated health effects. Although emission reductions from the following project design features were not quantified, the reduced project would install electric vehicle charging stations, install bicycle infrastructure, implement Transportation Demand Management Plan, install electric or solar water heaters that would result in co-benefits of reducing the reduced project's

For each study intersection in each scenario evaluated in the Traffic Impact Analysis, all 10 study intersections were estimated to result in less than 100,000 vehicles per day in every scenario evaluated (ranging from 4,649 vehicles to 44,977 vehicles).



operational emissions of VOC and NO<sub>x</sub>. However, due to exceedances in construction-generated emissions of VOC, the reduced project could result in potential health effects associated with VOCs.

Operation of the reduced project would not contribute to exceedances of the NAAQS or CAAQS for NO<sub>2</sub>. As discussed above, the reduced project would implement required CAP Checklist items that would result in co-benefits of reducing the reduced project's operational emissions of VOC and NO<sub>x</sub>. Health effects that result from NO<sub>2</sub> and NO<sub>x</sub> include respiratory irritation, which could be experienced by nearby receptors during the periods of heaviest use of off-road construction equipment. However, project construction would be relatively short term, and off-road construction equipment would be operating at various portions of the site and would not be concentrated in one portion of the site at any one time. In addition, existing NO<sub>2</sub> concentrations in the area are well below the NAAQS and CAAQS standards. Because project-generated NO<sub>x</sub> emissions would not exceed the significance threshold, the reduced project would not result in potential health effects associated with NO<sub>2</sub> and NO<sub>x</sub>.

CO tends to be a localized impact associated with congested intersections. The associated potential for CO hotspots are discussed above and were determined to be a less-than-significant impact. Furthermore, the existing CO concentrations in the area are well below the NAAQS and CAAQS standards. Thus, the reduced project's CO emissions would not contribute to significant health effects associated with this pollutant.

Construction and operation of the reduced project would also not exceed thresholds for  $PM_{10}$  or  $PM_{2.5}$ , and would not contribute to exceedances of the NAAQS or CAAQS for PM or obstruct the SDAB from coming into attainment for these pollutants. The reduced project would also not result in substantial DPM emissions during construction or operation, and therefore, would not result in significant health effects related to DPM exposure. Additionally, the reduced project would implement dust control strategies and be required to comply with SDAPCD Rule 55, Fugitive Dust, which limits the amount of fugitive dust generated during construction. Due to the minimal contribution of PM during construction and operation, the reduced project is not anticipated to result in health effects associated with  $PM_{10}$  or  $PM_{2.5}$ .

In summary, because operation of the reduced project would not result in exceedances of the SDAPCD significance thresholds, the potential health effects associated with criteria air pollutants would be less than significant. Furthermore, there are numerous scientific and technological complexities associated with correlating criteria air pollutant emissions from an individual project to specific health effects or potential additional nonattainment days, and there are currently no modeling tools that could provide reliable and meaningful additional information regarding health effects from criteria air pollutants generated by individual projects within the SDAPCD's jurisdiction.

The California Supreme Court's Sierra Club v. County of Fresno (2018) 6 Cal. 5th 502 decision (referred to herein as the Friant Ranch decision) (issued on December 24, 2018) addresses the need to correlate mass emission values for criteria air pollutants to specific health consequences, and contains the following direction from the California Supreme Court: "The Environmental Impact Report (EIR) must provide an adequate analysis to inform the public how its bare numbers translate to create potential adverse impacts or it must explain what the agency does know and why, given existing scientific constraints, it cannot translate potential health impacts further" (italics original). Currently, the SDAPCD, CARB, and EPA have not approved a quantitative method to reliably, meaningfully, and consistently translate the mass emissions estimates for the criteria air pollutants resulting from a project to specific health effects. In addition, there are numerous scientific and technological complexities associated with



correlating criteria air pollutant emissions from an individual project to specific health effects or potential additional nonattainment days.

In connection with the judicial proceedings culminating in issuance of the Friant Ranch decision, the South Coast Air Quality Management District (SCAQMD) and San Joaquin Valley Air Pollution Control District (SJVAPCD) filed amicus briefs attesting to the extreme difficulty of correlating an individual project's criteria air pollutant emissions to specific health impacts. Both SJVAPCD and SCAQMD have among the most sophisticated air quality modeling and health impact evaluation capabilities of the air districts in California. The key, relevant points from SCAQMD and SJVAPCD briefs are summarized below.

In requiring a health impact type of analysis for criteria air pollutants, it is important to understand how O<sub>3</sub> and PM are formed, dispersed, and regulated. The formation of O<sub>3</sub> and PM in the atmosphere, as secondary pollutants,<sup>4</sup> involves complex chemical and physical interactions of multiple pollutants from natural and anthropogenic sources. The O<sub>3</sub> reaction is self-perpetuating (or catalytic) in the presence of sunlight because NO<sub>2</sub> is photochemically reformed from nitric oxide (NO). In this way, O<sub>3</sub> is controlled by both NO<sub>x</sub> and VOC emissions. The complexity of these interacting cycles of pollutants means that incremental decreases in one emission may not result in proportional decreases in O<sub>3</sub> (NRC 2005). Although these reactions and interactions are well understood, variability in emission source operations and meteorology creates uncertainty in the modeled O<sub>3</sub> concentrations to which downwind populations may be exposed (NRC 2005). Once formed, O<sub>3</sub> can be transported long distances by wind, and due to atmospheric transport, contributions of precursors from the surrounding region can also be important (EPA 2008). Because of the complexity of O<sub>3</sub> formation, a specific tonnage of VOCs or NO<sub>x</sub> emitted in a particular area does not equate to a particular concentration of O<sub>3</sub> in that area (SJVAPCD 2015). PM can be divided into two categories: directly emitted PM and secondary PM. Secondary PM, like O<sub>3</sub>, is formed via complex chemical reactions in the atmosphere between precursor chemicals such as SO<sub>x</sub> and NO<sub>x</sub>. Because of the complexity of secondary PM formation, including the potential to be transported long distances by wind, the tonnage of PM-forming precursor emissions in an area does not necessarily result in an equivalent concentration of secondary PM in that area (SJVAPCD 2015). This is especially true for individual projects, where project-generated criteria air pollutant emissions are not derived from a single "point source" but from construction equipment and mobile sources (passenger cars and trucks) driving to, from, and around the reduced project site.

Another important technical nuance is that health effects from air pollutants are related to the concentration of the air pollutant that an individual is exposed to, not necessarily the individual mass quantity of emissions associated with an individual project. For example, health effects from  $O_3$  are correlated with increases in the ambient level of  $O_3$  in the air a person breathes (SCAQMD 2015). However, it takes a large amount of additional precursor emissions to cause a modeled increase in ambient  $O_3$  levels over an entire region (SCAQMD 2015). The lack of link between the tonnage of precursor pollutants and the concentration of  $O_3$  and  $PM_{2.5}$  formed is important because it is not necessarily the tonnage of precursor pollutants that causes human health effects; rather, it is the concentration of resulting  $O_3$  that causes these effects (SJVAPCD 2015). Indeed, the ambient air quality standards, which are statutorily required to be set by the EPA at levels that are requisite to protect the public health, are established as concentrations of  $O_3$  and  $PM_{2.5}$  and not as tonnages of their precursor pollutants (EPA 2018a). Because the ambient air quality standards are focused on achieving a particular concentration region-wide, the tools and plans for attaining the ambient air quality standards are regional in nature. For CEQA analyses, project-generated emissions are typically estimated in pounds per day or tons per year and compared to mass daily or annual emission

<sup>4</sup> Air pollutants formed through chemical reactions in the atmosphere are referred to as secondary pollutants.



thresholds. Although CEQA thresholds are established at levels that the air basin can accommodate without affecting the attainment date for the Ambient Air Quality Standards, even if a project exceeds established CEQA significance thresholds, this does not mean that the concentration of O<sub>3</sub> or PM that will be created at or near the reduced project site on a particular day or month of the year, or what specific health impacts will occur, can easily be determined (SJVAPCD 2015).

In regard to regional concentrations and air basin attainment, the SJVAPCD emphasized that attempting to identify a change in background pollutant concentrations that can be attributed to a single project, even one as large as the entire Friant Ranch Specific Plan, is a theoretical exercise. The SJVAPCD brief noted that it "would be extremely difficult to model the impact on NAAQS attainment that the emissions from the Friant Ranch project may have" (SJVAPCD 2015). The situation is further complicated by the fact that background concentrations of regional pollutants are not uniform either temporally or geographically throughout an air basin, but are constantly fluctuating based on meteorology and other environmental factors. The SJVAPCD noted that the currently available modeling tools are equipped to model the impact of all emission sources in the San Joaquin Valley Air Basin on attainment (SJVAPCD 2015). The SJVAPCD brief then indicated that, "Running the photochemical grid model used for predicting O<sub>3</sub> attainment with the emissions solely from the Friant Ranch project (which equate to less than one-tenth of one percent of the total NO<sub>x</sub> and VOC in the Valley) is not likely to yield valid information given the relative scale involved" (SJVAPCD 2015).

The SCAQMD and SJVAPCD have indicated that it is not feasible to quantify project-level health impacts based on existing modeling (SCAQMD 2015; SJVAPCD 2015). Even if a metric could be calculated, it would not be reliable because the models are equipped to model the impact of all emission sources in an air basin on attainment and would likely not yield valid information or a measurable increase in O<sub>3</sub> concentrations sufficient to accurately quantify O<sub>3</sub>-related health impacts from an individual project.

Nonetheless, following the Supreme Court's Friant Ranch decision, some Environmental Impact Reports where estimated criteria air pollutant emissions exceeded applicable air district thresholds have included a quantitative analysis of potential project-generated health effects using a combination of a regional photochemical grid model (PGM)<sup>5</sup> and the EPA's Benefits Mapping and Analysis Program (BenMAP or BenMAP–Community Edition [CE]).<sup>6</sup> The publicly available health impact assessments (HIAs) typically present results in terms of an increase in health incidences and/or the increase in background health incidence for various health outcomes resulting from a project's estimated increase in concentrations of O<sub>3</sub> and PM<sub>2.5</sub>.<sup>7</sup> The five publicly available HIAs have concluded

The following CEQA documents included a quantitative health impact assessment to address Friant Ranch: California State University Dominguez Hills 2018 Campus Master Plan EIR (CSU Dominguez Hills 2019), March Joint Powers Association K4 Warehouse and Cactus Channel Improvements EIR (March JPA 2019), Mineta San Jose Airport Amendment to the Airport Master Plan EIR (City of San Jose 2019), City of Inglewood Basketball and Entertainment Center Project EIR (City of Inglewood 2019), and San Diego State University Mission Valley Campus Master Plan EIR (SDSU 2019).



The first step in the publicly available health impact assessment is running a regional photochemical grid model (PGM), such as the Community Multiscale Air Quality (CMAQ) model or the Comprehensive Air Quality Model with extensions (CAMx), to estimate the increase in concentrations of O<sub>3</sub> and PM<sub>2.5</sub> as a result of project-generated emissions of criteria and precursor pollutants. Air districts, such as the SCAQMD, use photochemical air quality models for regional air quality planning. These photochemical models are large-scale air quality models that simulate the changes of pollutant concentrations in the atmosphere using a set of mathematical equations characterizing the chemical and physical processes in the atmosphere (EPA 2017).

After estimating the increase in concentrations of O<sub>3</sub> and PM<sub>2.5</sub>, the second step in the five examples is use of BenMAP or BenMAP-CE to estimate the resulting associated health effects. BenMAP estimates the number of health incidences resulting from changes in air pollution concentrations (EPA 2018b). The health impact function in BenMAP-CE incorporates four key sources of data: modeled or monitored air quality changes, population, baseline incidence rates, and an effect estimate. All of the five example health impact assessments focused on O<sub>3</sub> and PM<sub>2.5</sub>.

that the evaluated project's health effects associated with the estimated project-generated increase in concentrations of  $O_3$  and  $PM_{2.5}$  represent a small increase in incidences and a very small percent of the number of background incidences, indicating that these health impacts are negligible and potentially within the model's margin of error. In addition, the results of the five HIAs concluded that project emissions would not result in a substantial increase in health incidences, and the estimated emissions and assumed toxicity were also conservatively inputted into the HIA and, thus, overestimated health incidences, particularly for  $PM_{2.5}$ .

As explained in the SJVAPCD brief (SJVAPCD 2015) and noted previously, running the PGM used for predicting O<sub>3</sub> attainment with the emissions solely from an individual project, like the Friant Ranch project or the reduced project, is not likely to yield valid information given the relative scale involved. The five examples reviewed support the SJVAPCD's brief contention that consistent, reliable, and meaningful results may not be provided by methods applied at this time. Accordingly, additional work in the industry, and more importantly, air district participation, is needed to develop a more meaningful analysis to correlate project-level mass criteria air pollutant emissions and health effects for decision makers and the public. Furthermore, at the time of writing, no HIA has concluded that health effects estimated using the PGM and BenMAP approach are substantial, provided that the estimated project-generated incidences represent a very small percent of the number of background incidences, potentially within the model's margin of error.

In summary, because construction of the reduced project could result in exceedances of the significance thresholds for VOC, the potential health effects associated with criteria air pollutants, specifically O<sub>3</sub>, would be **potentially significant**. Notably, there are numerous scientific and technological complexities associated with correlating criteria air pollutant emissions from an individual project to specific health effects or potential additional nonattainment days, and there are currently no modeling tools that could provide reliable and meaningful additional information regarding health effects from criteria air pollutants generated by individual projects.

# Valley Fever Exposure

Valley Fever is not highly endemic to San Diego County, and within San Diego County, the incidence rate in the reduced project area is below the County and statewide average. Construction of the reduced project would comply with SDAPCD Rule 55, which limits the amount of fugitive dust generated during construction. Strategies the reduced project would implement to comply with SDAPCD Rule 55 and control dust include watering two times per day and limiting speed on unpaved roads to 15 miles per hour.

Based on the low incidence rate of Coccidioidomycosis in San Diego County and the reduced project's implementation of dust control strategies, it is not anticipated that earth-moving activities during project construction would result in exposure of nearby sensitive receptors to Valley Fever. Therefore, the reduced project would have a **less than significant** impact with respect to Valley Fever exposure for sensitive receptors.

# Threshold 4: Would the project result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?

Odors would be generated from vehicle and equipment exhaust emissions during construction of the reduced project. Odors produced during construction would be attributable to concentrations of unburned hydrocarbons from tailpipes of construction equipment and from architectural coatings. Such odors would disperse rapidly from



the reduced project site and generally occur at magnitudes that would not affect substantial numbers of people. Therefore, impacts associated with odors during construction of the reduced project would be **less than significant**.

Land uses and industrial operations associated with odor complaints include agricultural uses, wastewater treatment plants, food processing plants, chemical plants, composting, refineries, landfills, dairies, and fiberglass molding (CARB 2005). The reduced project would not engage in any of these activities. Moreover, typical odors generated from operation of the reduced project would primarily include vehicle exhaust generated by residents and through the periodic use of landscaping and maintenance equipment. Therefore, the reduced project would result in an odor impact that is **less than significant**.

# 3.3 Mitigation Measures

Mitigation Measure (MM-)AQ-1 would be implemented to reduce VOC emissions generated during construction of the reduced project.

**MM-AQ-1** Architectural Coatings. The reduced project shall use low volatile organic compound (VOC) architectural coatings for interior application that do not exceed VOC content of 10 grams per liter, for exterior application that do not exceed VOC content of 50 grams per liter, and for parking application do not exceed VOC content of 100 grams per liter.

For Threshold 2 (Would the project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is nonattainment under an applicable federal or state ambient air quality standard), Table 7 shows the estimated maximum daily construction emissions associated with construction of the original project and reduced project with implementation of MM-AQ-1.

**Table 7. Estimated Maximum Daily Construction Emissions - Mitigated** 

	voc	NO <sub>x</sub>	СО	SO <sub>x</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>
Year	Pounds per Day					
	Original project					
2023	3.39	34.73	29.46	0.08	10.29	5.76
2024	61.80	19.15	28.57	0.08	5.35	1.88
Maximum Daily Emissions	61.80	34.73	29.46	0.08	10.29	5.76
Emission Threshold	75	250	550	250	100	55
Threshold Exceeded?	No	No	No	No	No	No
Reduced project						
2026	2.96	28.15	26.78	0.06	10.11	5.59
2027	42.03	16.17	23.36	0.06	3.78	1.39
Maximum Daily Emissions	42.03	28.15	26.78	0.06	10.11	5.59
Emission Threshold	75	250	550	250	100	55
Threshold Exceeded?	No	No	No	No	No	No

Notes: VOC = volatile organic compound;  $NO_x$  = oxides of nitrogen; CO = carbon monoxide;  $SO_x$  = sulfur oxides;  $PM_{10}$  = particulate matter with an aerodynamic diameter equal to or less than 10 microns;  $PM_{2.5}$  = particulate matter with an aerodynamic diameter equal to or



less than 2.5 microns.

See Appendix A for output files and modeling details.

The values shown are the maximum summer or winter daily emissions results from CalEEMod and provided in Appendix A. The maximum emissions assumes compliance with SDAPCD Rule 55, Fugitive Dust Control and implementation of MM-AQ-1, use of low-VOC architectural coatings.

As shown in Table 7, daily construction emissions of the original project or reduced project would not exceed the significance thresholds for VOC, NO<sub>x</sub>, CO, SO<sub>x</sub>, PM<sub>10</sub>, or PM<sub>2.5</sub>. The reduced project would result in fewer emissions during construction compared to the original project. Therefore, the potential for the reduced project to result in a cumulatively considerable net increase of any criteria pollutant for which the reduced project region is nonattainment under an applicable national or California ambient air quality standard, and health effects of criteria air pollutants would be reduced to a **less than significant impact with mitigation**.

# 4 Greenhouse Gas Emissions Assessment

# 4.1 Thresholds of Significance

California has developed guidelines to address the significance of GHG emissions impacts that are contained in Appendix G of the CEQA Guidelines (14 CCR 15000 et seq.). Appendix G provides that a project would have a significant environmental impact if it would:

- 1. Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment
- 2. Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases.

The Appendix G thresholds for GHGs do not prescribe specific methodologies for performing an assessment, do not establish specific thresholds of significance, and do not mandate specific mitigation measures. Rather, the CEQA Guidelines emphasize the lead agency's discretion to determine the appropriate methodologies and thresholds of significance consistent with the manner in which other impact areas are handled in CEQA (CNRA 2009). Additional guidance regarding assessment of GHGs is discussed below.

## City of San Marcos CAP Checklist

The City adopted the Final CAP on December 8, 2020. The CAP relies on a screening threshold based on land use size and a CAP Consistency Checklist to determine whether a project's emissions would be consistent with GHG emissions estimated within the City's CAP. The CAP Consistency Checklist is used to determine significance in accordance with CEQA Guidelines Section 15183.5; therefore, the CAP Consistency Checklist was used to evaluate the reduced project's significance with respect to GHG emissions.

# 4.2 Impact Analysis

This section evaluates the GHG emissions impacts associated with the reduced project. The significance criteria described in Section 4.1, Thresholds of Significance, were used to evaluate impacts associated with the construction and operation of the reduced project.



- Threshold 1: Would the project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?
- Threshold 2: Would the project conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

### City of San Marcos' Climate Action Plan Consistency

This section evaluates the reduced project's impacts to GHG in accordance with the City's 2020 CAP Consistency Checklist. A completed CAP Checklist is included as Appendix C. The first step in this section evaluates a project's GHG emissions consistent with the City's Guidance to Demonstrating Consistency with the City of San Marcos Climate Action Plan: For Discretionary Projects Subject to CEQA (City's Guidance Document) (City of San Marcos 2020c). New discretionary development projects subject to CEQA review that emit less than 500 MT CO2e annually would not contribute considerably to cumulative climate change impacts, as stated in the City's Guidance Document, and therefore, would be considered consistent with the CAP and associated emissions projections.

For projects that are subject to CAP consistency review, the next step in determining consistency is to assess the reduced project's consistency with the growth projections used in development of the CAP. This section allows the City to determine a project's consistency with the land use assumptions used in the CAP.

## Step 1

#### Ouestion 1

Step 1 of the CAP Checklist determines land use consistency. Question 1 of Step 1 asks if a project is less than a certain size. It is deemed consistent with the City's CAP by emitting fewer than 500 MT CO<sub>2</sub>e per year and would be less than significant. The reduced project is larger than the screening size (55 multi-family residential units) and therefore would answer Yes to this question and must proceed to Question 2 of Step 1.

# Question 2

Question 2 of Step 1 asks if the reduced project is consistent with the existing General Plan land use designation. The reduced project proposes residential use, but the General Plan currently designates the site as Industrial (I). Therefore, the reduced project would answer No to this question and would proceed to Question 3 of Step 1.

### Question 3

Question 3 of Step 1 asks if the reduced project would generate GHG emissions equal to or less than estimated GHG emissions generated under the land use built under the existing land use designation. The following section discusses the results of the construction and emissions analysis based on the methodologies described in Section 3.3.2.1, Construction, and Section 3.3.2.2, Operation, (in the *Air Quality and Greenhouse Gas Emissions Technical Report for the Pacific Project*, dated February 6, 2023 (Dudek 2023)) for the existing land use designation and original project.



# **Existing Land Use Designation**

As shown in Table 14 of the Dudek report (Dudek 2023), estimated annual GHG emissions from the existing land use designation would be approximately 5,619 MT CO<sub>2</sub>e per year. With amortized construction emissions, the annual operational emissions would be 5,655 MT CO<sub>2</sub>e per year.

# Reduced project

### Construction Emissions

Construction of potential future development at the reduced project site would result in GHG emissions that are primarily associated with use of off-road construction equipment, on-road vendor trucks, and worker vehicles. CalEEMod was used to calculate the annual GHG emissions based on the construction scenario described in Section 2.1, Construction, and Appendix A. Construction of potential residential development at the reduced project site is anticipated to commence in June 2026, lasting approximately 18 months. On-site sources of GHG emissions include off-road equipment and off-site sources include on-road vehicles (haul trucks, vendor trucks, and worker vehicles). Table 8 presents construction emissions for the reduced project from on-site and off-site emission sources.

**Table 8. Estimated Annual Construction GHG Emissions - Reduced project** 

	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	CO <sub>2</sub> e
Year	Metric Tons			
2026	420.54	0.07	0.01	426.59
2027	540.20	0.07	0.02	548.72
Total				975.31
Emissions amortized over 30 years				32.51

**Notes:**  $CO_2$  = carbon dioxide;  $CH_4$  = methane;  $N_2O$  = nitrous oxide;  $CO_2e$  = carbon dioxide equivalent. See Appendix A for complete results.

As shown in Table 8, the estimated total GHG emissions during construction of potential development at the reduced project site would be approximately 975 MT CO<sub>2</sub>e. Construction GHG emissions of the potential development at the reduced project site amortized over 30 years would be 33 MT CO<sub>2</sub>e per year. Amortized construction emissions are added to operational emissions to be compared to development allowed under the existing land use designation.

### Operational Emissions

Operation of potential future residential development at the reduced project site would generate GHG emissions through area sources; motor vehicle trips to and from the reduced project site; energy use (natural gas and generation of electricity consumed by the reduced project); solid waste disposal; and generation of electricity associated with water supply, treatment, and distribution and wastewater treatment. CalEEMod was used to calculate the annual GHG emissions based on the operational assumptions described in Section 2.2, Operation. The estimated operational emissions of potential residential development at the reduced project site are presented in Table 9.



**Table 9. Estimated Annual Operational GHG Emissions - Reduced project** 

	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	CO <sub>2</sub> e
Emission Source	Metric Tons			
Area	239.15	0.01	0.00	240.63
Energy	428.83	0.02	0.00	430.68
Mobile	1,509.87	0.11	0.07	1,532.89
Waste	27.92	1.65	0.00	69.17
Water	101.73	0.64	0.02	122.42
Total				2,395.80
Amortized construction emissions				32.51
Total with amortized construction emissions				2,428.31

**Notes:**  $CO_2$  = carbon dioxide;  $CH_4$  = methane;  $N_2O$  = nitrous oxide;  $CO_2e$  = carbon dioxide equivalent; <0.01 = reported value less than 0.01.

See Appendix A for complete results.

As shown in Table 9, estimated annual GHG emissions from potential residential development at the reduced project site would be approximately 2,396 MT CO<sub>2</sub>e per year. With amortized construction emissions, the annual operational emissions would be 2,428 MT CO<sub>2</sub>e per year. Estimated annual GHG emissions from development of the site under the existing land use designation would be 5,655 MT CO<sub>2</sub>e per year. Therefore, potential future development associated with the approval of the reduced project would generate less GHG emissions when compared to the existing land use designation. The reduced project also resulted in fewer GHG emissions compared to the original project (3,866 MT CO<sub>2</sub>e per year) (Dudek 2023). The reduced project would answer Yes to Question 3 of Step 1 and can proceed to Step 2 of the Checklist.

### Step 2

The second step of CAP consistency review is to evaluate a project's consistency with the applicable strategies and measures of the CAP. Each checklist item is associated with a specific GHG reduction measure in the City's CAP. Not applicable ("N/A") should only be checked based on the direction provided in each checklist item question. All projects for which the measure is applicable must demonstrate that the reduced project would implement measures consistent with the checklist item, or fully substantiate how the item would be infeasible for project implementation. "N/A" responses are subject to Planning Division review and approval. If "No" is provided as a response to a question, the reduced project would be determined to be inconsistent with the CAP and would result in a significant GHG impact.

### Checklist Item 1. Electric Vehicle Charging Stations (Measure T-2)

This checklist item applies to multi-family residential and non-residential projects. It asks if the reduced project will install electric vehicle charging stations (Level 2 or better) in at least 5% of the total parking spaces provided on site.

The reduced project would comply with this checklist item. The reduced project consists of development of 299 residential units, and a GPA/Rezone to convert the existing Industrial (I) land use and zoning designations to a Specific Plan Area designation to allow for residential development. The reduced project would include 646 total

parking spaces, 38 of which would include EV charging stations. The reduced project would answer Yes to this question.

# Checklist Item 2. Bicycle Infrastructure (Measure T-8)

This checklist item applies to residential and non-residential projects. It asks if the following conditions are met, would the reduced project pay its fair-share contribution to bicycle infrastructure improvements of the following:

- Intersection or roadway segment improvements are proposed as part of the reduced project.
- The City's General Plan Mobility Element identifies bicycle infrastructure improvements at any intersection(s) or roadway segment(s) that would be improved as part of the reduced project.

The reduced project would comply with this checklist item. The reduced project will include the following roadway and bicycle improvements:

#### Active Transportation Improvements

- 1. Construct sidewalks to close sidewalk gaps on the site frontage on La Mirada Drive, Pacific Street, and Linda Vista Drive.
- 2. Construct or preserve space for the portions of proposed bicycle facilities on Linda Vista Drive from Pacific Street to Las Posas Road immediately adjacent to the site.
- Provide transit stop amenities including, at a minimum, bench, shelter, and trash can at the southbound stop at the intersection of Las Posas Road / Linda Vista Drive located on the southwest corner of the intersection.

Accordingly, the reduced project would answer "Yes" to this question.

#### Checklist Item 3. Transportation Demand Management (Measure T-9)

This checklist item applies to residential and non-residential projects. Will the reduced project develop and implement a Transportation Demand Management (TDM) Plan that includes, at a minimum, all of the TDM strategies listed below?

- Provide discounted monthly transit pass or provide at least 25 percent transit fare subsidy to residents/employees.
- Provide designated car-share, carpool, vanpool, and/or park-and-ride parking spaces.
- Provide pedestrian connections between all internal uses and to all existing or planned external streets around the reduced project site(s).
- Provide secure bicycle parking spaces or bicycle racks, showers, and clothes lockers.
- Encourage telecommuting for employees (allow one telecommute day per week or compressed work weeks) or provide a telecommute work center with common office space and equipment available to residents.



-or

Would the reduced project implement and monitor for four (4) years a TDM program that demonstrates an alternative transportation (i.e. carpool, public transit, bicycle, walk, telecommute) mode share of at least 29 percent for all residents?

The reduced project would comply with this checklist item. The reduced project would develop and implement a TDM plan that incorporates the required TDM strategies listed in this measure. The reduced project would answer Yes to this checklist question.

### Checklist Item 4. Reduce Parking Near Transit (Measure T-12)

This checklist item applies to multi-family residential projects. If located within one-half mile of a major transit stop, would the reduced project provide at least 27% fewer parking spaces than required for the same use based on the City's municipal code parking requirements?

The reduced project is not located within ½ mile of a major transit stop defined as a bus or light-rail station with fixed service and 10-minute minimum headways during peak hours. Therefore, the reduced project would answer "N/A" to this question.

# Checklist Item 5. Water Heaters (Measure E-1)

This checklist item applies to residential projects and asks if the reduced project would install one of, or a combination of, the following water heater types in place of natural gas water heaters:

- Electric heat pump water heater
- Instantaneous electric water heater
- Electric tank
- Solar water heater with heat pump water heater backup
- Solar water heater with electric tank backup

The reduced project would comply with this checklist item. The reduced project would install non-natural gas water heaters that would meet the requirements of this checklist item. The reduced project would answer Yes to this checklist question.

# Checklist Item 6. Photovoltaic Installation (Measure E-2)

This checklist item applies to non-residential projects. Therefore, the reduced project would answer "N/A" to this checklist item.

# Checklist Item 7. Landscaping Water Use (Measure W-1)

This checklist item applies to residential and non-residential projects and asks if the reduced project would comply with the City's Water Efficient Landscape Ordinance.



The reduced project would comply with this checklist item. The reduced project's landscaping would meet the requirements within the City's Water Efficient Landscape Ordinance. As prescribed in Section 4.3.1 of the specific plan, The selected plants are well suited to the local soils and have proven to flourish within the reduced project area's climate and are consistent with AB 1881 requirements and the City of San Marcos Water Efficient Landscape Ordinance (WELO) and Municipal Code, Title 20. The reduced project will include composting, climate adapted plants, mulch, minimal use of turf, and smart water-efficient irrigation systems to minimize water use. Accordingly, the reduced project would answer "Yes" to this question.

# Checklist Item 8. Urban Tree Canopy (Measure C-2)

This checklist item applies to residential and non-residential projects and asks if the reduced project is providing more than 10 parking spaces, will the reduced project plant at least one tree per five parking spaces provided?

The reduced project would comply with this checklist item. The reduced project is providing 646 parking spaces and will plant at least 130 trees to satisfy this checklist requirement. Accordingly, the reduced project would answer "Yes" to this question.

# Summary

The reduced project requires a General Plan Amendment because it is proposing a residential development on a site zoned as Industrial (I). Therefore, a GHG analysis was performed to analyze the emissions of the existing zoned site and the reduced project. The reduced project was shown to result in fewer GHG emissions than the existing land use designation, and would implement all applicable checklist items within the City's 2020 CAP. Therefore, the reduced project would be consistent with the City's 2020 CAP, and impacts to GHG emissions would be less than significant consistent with the original project.

### Consistency with Statewide Greenhouse Gas Reduction Strategies

The reduced project's consistency with statewide GHG reduction strategies is summarized in detail in Table 10 through consideration of the reduced project's various construction and operational components and their relationship to specified laws and regulations designed to reduce GHG emissions from such components.

Table 10. Relevant Greenhouse Gas-Related Laws and Regulations

Project Component	Applicable Laws/ Regulations	GHG Reduction Measures Required for Project		
Building Components/Facility Operations				
Roofs/Ceilings/Insulation	CALGreen Code (Title 24, Part 11) California Energy Code (Title 24, Part 6)	The reduced project must comply with efficiency standards regarding roofing, ceilings, and insulation. For example:  Roofs/Ceilings: New construction must reduce roof heat island effects per CALGreen Code Section 106.11.2, which requires use of roofing materials having a minimum aged solar reflectance, thermal emittance complying with Section A5.106.11.2.2 and		



**Table 10. Relevant Greenhouse Gas-Related Laws and Regulations** 

	Applicable Laws/	
Project Component	Regulations	GHG Reduction Measures Required for Project
		A5.106.11.2.3 or a minimum aged Solar Reflectance Index as specified in Tables A5.106.11.2.2, or A5.106.11.2.3. Roofing materials must also meet solar reflectance and thermal emittance standards contained in Title 20 Standards.
		Roof/Ceiling Insulation: There are also requirements for the installation of roofing and ceiling insulation (see Title 24, Part 6 Compliance Manual at Section 3.2.2).
Flooring	CALGreen Code	The reduced project must comply with efficiency standards regarding flooring materials. For example, for 80% of floor area receiving "resilient flooring," the flooring must meet applicable installation and material requirements contained in CALGreen Code Section 5.504.4.6.
Window and Doors (Fenestration)	California Energy Code	The reduced project must comply with fenestration efficiency requirements. For example, the choice of windows, glazed doors, and any skylights for the reduced project must conform to energy consumption requirements affecting size, orientation, and types of fenestration products used (see Title 24, Part 6 Compliance Manual, Section 3.3).
Building Walls/Insulation	CALGreen Code California Energy	The reduced project must comply with efficiency requirements for building walls and insulation.
	Code	Exterior Walls: Must meet requirements in the current edition of California Energy Code, and comply with Sections A5.106.7.1 or A5.106.7.2 of CALGreen Code for wall surfaces, as well as Section 5.407.1, which required weather-resistant exterior wall and foundation envelope as required by California Building Code Section 1403.2. Construction must also meet requirements contained in Title 24, Part 6, which vary by material of the exterior walls (see Title 24, Part 6 Compliance Manual, Part 3.2.3).
		<u>Demising (Interior) Walls</u> : Mandatory insulation requirements for demising walls (which separate conditioned from non-conditions space) differ by the type of wall material used (see Title 24, Part 6 Compliance Manual, Part 3.2.4).
		<u>Door Insulation</u> : There are mandatory requirements for air infiltration rates to improve insulation efficiency; they differ according to the type of door (see Title 24, Part 6 Compliance Manual, Part 3.2.5).
		Flooring Insulation: There are mandatory requirements for insulation that depend on the material and location

**Table 10. Relevant Greenhouse Gas-Related Laws and Regulations** 

	Applicable			
	Laws/			
Project Component	Regulations	GHG Reduction Measures Required for Project		
		of the flooring (see Title 24, Part 6 Compliance Manual, Part 3.2.6).		
Finish Materials	CALGreen Code	The reduced project must comply with pollutant control requirements for finish materials. For example, materials including adhesives, sealants, caulks, paints and coatings, carpet systems, and composite wood products must meet requirements in CALGreen Code to ensure pollutant control (CALGreen Code Section 5.504.4).		
Wet Appliances	CALGreen Code	Wet appliances associated with the reduced project		
(Toilets/Faucets/Urinals, Dishwasher/Clothes Washer,	California Energy Code	must meet various efficiency requirements. For example:		
Spa and Pool/Water Heater)	Appliance Efficiency Regulations (Title 20 Standards)	Toilets/Faucets/Urinals: Use associated with the reduced project is subject to new maximum rates for toilets, urinals, and faucets effective January 1, 2016 (Title 20 Standards, Sections 1605.1(h),(i) 1065.3(h),(i)):		
		<ul> <li>Showerheads maximum flow rate 2.5 gpm at 80 psi</li> <li>Wash fountains 2.2 x (rim space in inches/20) gpm at 60 psi</li> <li>Metering faucets 0.25 gallons/cycle</li> <li>Lavatory faucets and aerators 1.2 gpm at 60 psi</li> <li>Kitchen faucets and aerators 1.8 gpm with optional temporary flow of 2.2 gpm at 60 psi</li> <li>Public lavatory faucets 0.5 gpm at 60 psi</li> <li>Trough-type urinals 16 inches length</li> <li>Wall mounted urinals 0.125 gallons per flush</li> <li>Other urinals 0.5 gallons per flush</li> <li>Water Heaters: Use associated with the reduced project is subject to appliance efficiency requirements for water heaters (Title 20 Standards, Sections 1605.1(f), 1605.3(f)).</li> </ul>		
		<u>Dishwasher/Clothes Washer</u> : Use associated with the reduced project is subject to appliance efficiency requirements for dishwashers and clothes washers (Title 20 Standards, Sections 1605.1(o),(p),(q), 1605.3(o),(p),(q)).		
Dry Appliances (Refrigerator/Freezer, Heater/Air Conditioner, Clothes Dryer)	Title 20 Standards	Dry appliances associated with the reduced project must meet various efficiency requirements. For example the following:		
	CALGreen Code	Refrigerator/Freezer: Use associated with the reduced project is subject to appliance efficiency requirements		

**Table 10. Relevant Greenhouse Gas-Related Laws and Regulations** 

	Applicable Laws/			
Project Component	Regulations	GHG Reduction Measures Required for Project		
		for refrigerators and freezers (Title 20 Standards, Sections 1605.1(a), 1605.3(a)).		
		Heater/Air Conditioner: Use associated with the reduced project is subject to appliance efficiency requirements for heaters and air conditioners (Title 20 Standards, Sections 1605.1(b),(c),(d),(e), 1605.3(b),(c),(d),(e) as applicable).		
		<u>Clothes Dryer</u> : Use associated with the reduced project is subject to appliance efficiency requirements for clothes dryers (Title 20 Standards, Section 1605.1(q)).		
	CALGreen Code	Installations of HVAC, refrigeration, and fire suppression equipment must comply with CALGreen Code Sections 5.508.1.1 and 508.1.2, which prohibits CFCs, halons, and certain HCFCs and HFCs.		
Lighting	Title 20 Standards	Lighting associated with the reduced project will be subject to energy efficiency requirements contained in Title 20 Standards.		
		General Lighting: Indoor and outdoor lighting associated with the reduced project must comply with applicable appliance efficiency regulations (Title 20 Standards, Sections 1605.1(j),(k),(n), 1605.3(j),(k),(n)).		
		Emergency Lighting and Self-Contained Lighting: The reduced project must also comply with applicable appliance efficiency regulations (Title 20 Standards, Sections 1605.1(I), 1605.3(I)).		
		Traffic Signal Lighting: For any necessary project improvements involving traffic lighting, traffic signal modules, and traffic signal lamps will need to comply with applicable appliance efficiency regulations (Title 20 Standards, Sections 1605.1(m), 1605.3(m)).		
	California Energy Code	Lighting associated with the reduced project will also be subject to energy efficiency requirements contained in Title 24, Part 6, which contains energy standards for non-residential indoor lighting and outdoor lighting (see Title 24 Part 6 Compliance Manual, at Sections 5, 6).		
		Mandatory lighting controls for indoor lighting include, for example, regulations for automatic shut-off, automatic daytime controls, demand responsive controls, and certificates of installation (Title 24 Part 6 Compliance Manual at Section 5). Regulations for outdoor lighting include, for example, creation of lighting zones, lighting power requirements, a hardscape lighting power allowance, requirements for		

**Table 10. Relevant Greenhouse Gas-Related Laws and Regulations** 

	Applicable					
Project Component	Laws/ Regulations	GHG Reduction Measures Required for Project				
		outdoor incandescent and luminaire lighting, and lighting control functionality (Title 24 Part 6 Compliance Manual at Section 6).				
	AB 1109	Lighting associated with the reduced project will be subject to energy efficiency requirements adopted pursuant to AB 1109. Enacted in 2007, AB 1109 required the CEC to adopt minimum energy efficiency standards for general purpose lighting, to reduce electricity consumption 50% for indoor residential lighting and 25% for indoor commercial lighting.				
Bicycle and Vehicle Parking	CALGreen Code	The reduced project will be required to provide compliant bicycle parking, fuel-efficient vehicle parking, and electric vehicle charging spaces (CALGreen Code Sections 5.106.4, 5.106.5.1, 5.106.5.3).				
	California Energy Code	The reduced project is also subject to parking requirements contained in Title 24, Party 6. For example, parking capacity is to meet but not exceed minimum local zoning requirements, and the reduced project should employ approved strategies to reduce parking capacity (Title 24, Part 6, Section 106.6).				
Landscaping	CALGreen Code	The CALGreen Code requires and has further voluntary provisions for the following:				
		<ul> <li>A water budget for landscape irrigation use.</li> <li>For new water service, separate meters or submeters must be installed for indoor and outdoor potable water use for landscaped areas of 1,000 to 5,000 square feet.</li> <li>Provide water-efficient landscape design that reduces use of potable water beyond initial requirements for plant installation and establishment.</li> </ul>				
	Model Water Efficient Landscaping Ordinance	The model ordinance promotes efficient landscaping in new developments and establishes an outdoor water budget for new and renovated landscaped areas that are 500 square feet or larger (CCR, Title 23, Division 2, Chapter 2.7).				
	Cap-and-Trade Program	Transportation fuels used in landscape maintenance equipment (e.g., gasoline) would be subject to the Capand-Trade Program (see "Energy Use," below).				
Refrigerants	CARB Management of High GWP Refrigerants for Stationary Sources	Any refrigerants associated with the reduced project will be subject to CARB standards. CARB's Regulation for the Management of High GWP Refrigerants for Stationary Sources (1) reduces emissions of high-GWP refrigerants from leaky stationary, non-residential refrigeration equipment; (2) reduces emissions				

**Table 10. Relevant Greenhouse Gas-Related Laws and Regulations** 

	Applicable Laws/	
Project Component	Regulations	GHG Reduction Measures Required for Project
		resulting from the installation and servicing of stationary refrigeration and air conditioning appliances using high-GWP refrigerants; and (3) requires verification GHG emission reductions (CCR, Title 17, Division 3, Chapter 1, Subchapter 10, Article 4, Subarticle 5.1, Section 95380 et seq.).
Consumer Products	CARB High GWP GHGs in Consumer Products	All consumer products associated with the reduced project will be subject to CARB standards. CARB's consumer products regulations set VOC limits for numerous categories of consumer products, and limits the reactivity of the ingredients used in numerous categories of aerosol coating products (CCR, Title 17, Division 3, Chapter 1, Subchapter 8.5).
Construction		
Use of Off-Road Diesel Engines, Vehicles, and Equipment	CARB In-Use Off- Road Diesel	Any relevant vehicle or machine use associated with the reduced project will be subject to CARB standards.
	Vehicle Regulation	The CARB In-Use-Off-Road Diesel Vehicle Regulation 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 requirements and compliance dates of the Off-Road regulation vary by fleet size, as defined by the regulation.
	Cap-and-Trade Program	Transportation fuels (e.g., gasoline) used in equipment operation would be subject to the Cap-and-Trade Program (see "Energy Use," below).
Greening New Construction	CALGreen Code	All new construction, including the reduced project, must comply with CALGreen Code, as discussed in more detail throughout this table.
		Adoption of the mandatory CALGreen Code standards for construction has been essential for improving the overall environmental performance of new buildings; it also sets voluntary targets for builders to exceed the mandatory requirements.
Construction Waste	CALGreen Code	The reduced project will be subject to CALGreen Code requirements for construction waste reduction,

**Table 10. Relevant Greenhouse Gas-Related Laws and Regulations** 

	Applicable Laws/	
Project Component	Regulations	GHG Reduction Measures Required for Project
		disposal, and recycling, such as a requirement to recycle and/or salvage for reuse a minimum of 50% of the non-hazardous construction waste in accordance with Section 5.408.1.1, 5.408.1.2, or 5.408.1.3; or meet a local construction and demolition waste management ordinance, whichever is more stringent.
Solid Waste		
Solid Waste Management	Landfill Methane Control Measure	Waste associated with the reduced project will be disposed per state requirements for landfills, material recovery facilities, and transfer stations. Per the statewide GHG emissions inventory, the largest emissions from waste management sectors come from landfills, and are in the form of CH <sub>4</sub> .
		In 2010, CARB adopted a regulation that reduces emissions from CH <sub>4</sub> in landfills, primarily by requiring owners and operators of certain uncontrolled municipal solid waste landfills to install gas collection and control systems, and requires existing and newly installed gas and control systems to operate in an optimal manner. The regulation allows local air districts to voluntarily enter into a memorandum of understanding with CARB to implement and enforce the regulation and to assess fees to cover costs of implementation.
	Mandatory Commercial Recycling (AB 341)	AB 341 will require the reduced project, if it generates 4 cubic yards or more of commercial solid waste per week, to arrange for recycling services, using one of the following: self-haul; subscribe to a hauler(s); arranging for pickup of recyclable materials; subscribing to a recycling service that may include mixed waste processing that yields diversion results comparable to source separation. The reduced project will also be subject to local commercial solid waste recycling program required to be implemented by each jurisdiction under AB 341.
	CALGreen Code	The reduced project will be subject to CALGreen Code requirement to provide areas that serve the entire building and are identified for the depositing, storage, and collection of nonhazardous materials for recycling (CALGreen Code Section 5.410.1).
Energy Use		
Electricity/Natural Gas Generation	Cap-and-Trade Program	Electricity and natural gas usage associated with the reduced project will be subject to the Cap-and-Trade Program. The rules came into effect on January 1, 2013, applying to large electric power plants and large

**Table 10. Relevant Greenhouse Gas-Related Laws and Regulations** 

	Applicable	
	Laws/	
Project Component	Regulations	GHG Reduction Measures Required for Project
		industrial plants. In 2015, importers and distributors of fossil fuels were added to the Cap-and-Trade Program in the second phase.
		Specifically, on January 1, 2015, cap-and-trade compliance obligations were phased in for suppliers of natural gas, reformulated gasoline blendstock for oxygenate blending (RBOB), distillate fuel oils, and liquefied petroleum gas that meet or exceed specified emissions thresholds. The threshold that triggers a cap-and-trade compliance obligation for a fuel supplier is 25,000 metric tons or more of CO2e annually from the GHG emissions that would result from full combustion or oxidation of quantities of fuels (including natural gas, RBOB, distillate fuel oil, liquefied petroleum gas, and blended fuels that contain these fuels) imported and/or delivered to California.
Renewable Energy	California RPS (SB X1-2, SB 350, and SB 100)	Energy providers associated with the reduced project will be required to comply with RPS set by SB X1 2, SB 350, and SB 100.
		SB X1 2 requires investor-owned utilities, publicly owned utilities, and electric service providers to increase purchases of renewable energy such that at least 33% of retail sales are procured from renewable energy resources by December 31, 2020. In the interim, each entity was required to procure an average of 20% of renewable energy for the period of January 1, 2011 through December 31, 2013; and will be required to procure an average of 25% by December 31, 2016, and 33% by 2020.
		SB 350 requires retail sellers and publicly owned utilities to procure 50% of their electricity from eligible renewable energy resources by 2030.
		SB 100 increased the standards set forth in SB 350 establishing that 44% of the total electricity sold to retail customers in California per year by December 31, 2024, 52% by December 31, 2027, and 60% by December 31, 2030, be secured from qualifying renewable energy sources. SB 100 states that it is the policy of the state that eligible renewable energy resources and zero-carbon resources supply 100% of the retail sales of electricity to California by 2045.
	Million Solar Roofs Program (SB 1)	The reduced project will indirectly participate in California's energy market by pre-wiring roofs for future installation of solar, which is affected by

**Table 10. Relevant Greenhouse Gas-Related Laws and Regulations** 

	Applicable Laws/	
Project Component	Regulations	GHG Reduction Measures Required for Project
		implementation of the Million Solar Roofs Program. As part of Governor Schwarzenegger's Million Solar Roofs Program, California has set a goal to install 3,000 megawatts of new, solar capacity through 2016. The Million Solar Roofs Program is a ratepayer-financed incentive program aimed at transforming the market for rooftop solar systems by driving down costs over time.
	California Solar Initiative- Thermal Program	The reduced project will participate in California's energy market, which is affected by implementation of the California Solar Initiative -Thermal Program. The program offers cash rebates of up to \$4,366 on solar water heating systems for single-family residential customers. Multi-family and Commercial properties qualify for rebates of up to \$800,000 on solar water heating systems and eligible solar pool heating systems qualify for rebates of up to \$500,000. Funding for the California Solar Initiative-Thermal program comes from ratepayers of Pacific Gas & Electric, Southern California Edison, Southern California Gas Company, and San Diego Gas & Electric. The rebate program is overseen by the CPUC as part of the California Solar Initiative.
	Waste Heat and Carbon Emissions Reduction Act (AB 1613, AB 2791)	The reduced project will participate in California's energy market, which is affected by implementation of the Waste Heat and Carbon Emissions Reduction Act. Originally enacted in 2007 and amended in 2008, this act directed the CEC, CPUC, and CARB to implement a program that would encourage the development of new combined heat and power systems in California with a generating capacity of not more than 20 megawatts, to increase combined heat and power use by 30,000 gigawatt-hour. The CPUC publicly owned electric utilities, and CEC duly established policies and procedures for the purchase of electricity from eligible combined heat and power systems.
		CEC guidelines require combined heat and power systems to be designed to reduce waste energy; have a minimum efficiency of 60%; have NO <sub>x</sub> emissions of no more than 0.07 pounds per megawatt-hour; be sized to meet eligible customer generation thermal load; operate continuously in a manner that meets expected thermal load and optimizes efficient use of waste heat; and be cost effective, technologically feasible, and environmentally beneficial.

**Table 10. Relevant Greenhouse Gas-Related Laws and Regulations** 

Project Component	Applicable Laws/ Regulations	GHG Reduction Measures Required for Project
Vehicular/Mobile Sources		
General	SB 375 and SANDAG RTP/SCS	The reduced project complies with, and is subject to, the SANDAG adopted RTP/SCS, which CARB approved as meeting its regional GHG targets in 2016.
Fuel	Low Carbon Fuel Standard (LCFS)/ EO S-01-07  EO S-01-07  Auto trips associated with the reduced project subject to the LCFS (EO S-01-07), which require or greater reduction in the average fuel carbon by 2030 with a 2010 baseline for transportation in California regulated by CARB. The program establishes a strong framework to promote the carbon fuel adoption necessary to achieve standard GHG reduction goals.	
	Cap-and-Trade Program	Use of gasoline associated with the reduced project will be subject to the Cap-and-Trade Program.
		The rules came into effect on January 1, 2013, applying to large electric power plants and large industrial plants. In 2015, importers and distributors of fossil fuels were added to the Cap-and-Trade Program in the second phase.
		Specifically, on January 1, 2015, cap-and-trade compliance obligations were phased in for suppliers of natural gas, RBOB, distillate fuel oils, and liquefied petroleum gas that meet or exceed specified emissions thresholds. The threshold that triggers a cap-and-trade compliance obligation for a fuel supplier is 25,000 MT or more of CO <sub>2</sub> e annually from the GHG emissions that would result from full combustion or oxidation of quantities of fuels (including natural gas, RBOB, distillate fuel oil, liquefied petroleum gas, and blended fuels that contain these fuels) imported and/or delivered to California.



**Table 10. Relevant Greenhouse Gas-Related Laws and Regulations** 

	Applicable Laws/	
Project Component	Regulations	GHG Reduction Measures Required for Project
Light-Duty Vehicles	AB 1493 (or the Pavley Standard)	Cars that drive to and from the reduced project will be subject to AB 1493, which directed CARB to adopt a regulation requiring the maximum feasible and cost effective reduction of GHG emissions from new passenger vehicles.
		Pursuant to AB 1493, CARB adopted regulations that establish a declining fleet average standard for CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, and HFCs (air conditioner refrigerants) in new passenger vehicles and light-duty trucks beginning with the 2009 model year and phased-in through the 2016 model year. These standards are divided into those applicable to lighter and those applicable to heavier portions of the passenger vehicle fleet. The regulations will reduce "upstream" smog-forming emissions from refining, marketing, and distribution of fuel.
	Advanced Clean Car and ZEV	Cars that drive to and from the reduced project will be subject to the Advanced Clean Car and ZEV Programs.
	Programs	In January 2012, CARB approved a new emissions-control program for model years 2017 through 2025. The program combines the control of smog, soot, and global warming gases and requirements for greater numbers of zero-emission vehicles into a single package of standards called Advanced Clean Cars. By 2025, new automobiles will emit 34% fewer global warming gases and 75% fewer smog-forming emissions.
		The ZEV program will act as the focused technology of the Advanced Clean Cars program by requiring manufacturers to produce increasing numbers of ZEVs and plug-in hybrid electric vehicles in the 2018–2025 model years.
	Tire Inflation Regulation	Cars that drive to and from the reduced project will be subject to the CARB Tire Inflation Regulation, which took effect on September 1, 2010, and applies to vehicles with a gross vehicle weight rating of 10,000 pounds or less.
		Under this regulation, automotive service providers must check and inflate each vehicle's tires to the recommended tire pressure rating, with air or nitrogen, as appropriate, at the time of performing any automotive maintenance or repair service, and to keep a copy of the service invoice for a minimum of three years, and make the vehicle service invoice available to

**Table 10. Relevant Greenhouse Gas-Related Laws and Regulations** 

	Applicable Laws/				
Project Component	Regulations	GHG Reduction Measures Required for Project			
		the CARB, or its authorized representative upon request.			
	EPA and NHTSA GHG and CAFE standards.	Mobile sources that travel to and from the reduced project would be subject to EPA and NHTSA GHG and CAFE standards for passenger cars, light-duty trucks, and medium-duty passenger vehicles (75 FR 25324–25728 and 77 FR 62624–63200).			
Water Use					
Water Use Efficiency	Emergency State Water Board Regulations	Water use associated with the reduced project will be subject to emergency regulations. On May 18, 2016, partially in response to EO B-27-16, the State Water Board adopted emergency water use regulations (CCR, title 23, Section 864.5 and amended and re-adopted Sections 863, 864, 865, and 866). The regulation directs the State Water Board, Department of Water Resources, and CPUC to implement rates and pricing structures to incentivize water conservation, and calls upon water suppliers, homeowner's associations, California businesses, landlords and tenants, and wholesale water agencies to take stronger conservation measures.			
	E0 B-37-16	Water use associated with the reduced project will be subject to Emergency EO B-37-16, issued May 9, 2016, which directs the State Water Resources Control Board to adjust emergency water conservation regulations through the end of January, 2017 to reflect differing water supply conditions across the state.			
		The Water Board must also develop a proposal to achieve a mandatory reduction of potable urban water usage that builds off the mandatory 25% reduction called for in EO B-29-15. The Water Board and Department of Water Resources will develop new, permanent water use targets to which the reduced project will be subject.			
		The Water Board will permanently prohibit waterwasting practices such as hosing off sidewalks, driveways, and other hardscapes; washing automobiles with hoses not equipped with a shut-off nozzle; using non-recirculated water in a fountain or other decorative water feature; watering lawns in a manner that causes runoff, or within 48 hours after measurable precipitation; and irrigating ornamental turf on public street medians.			

**Table 10. Relevant Greenhouse Gas-Related Laws and Regulations** 

Project Component	Applicable Laws/ Regulations	GHG Reduction Measures Required for Project
	EO B-40-17	EO B-40-17 lifted the drought emergency in all California counties except Fresno, Kings, Tulare, and Tuolumne. It also rescinds EO B-29-15, but expressly states that EO B-37-16 remains in effect and directs the State Water Resources Control Board to continue development of permanent prohibitions on wasteful water use to which the reduced project will be subject.
	SB X7-7	Water provided to the reduced project will be affected by SB X7-7's requirements for water suppliers.
		SB X7-7, or the Water Conservation Act of 2009, requires all water suppliers to increase water use efficiency. It also requires, among other things, that the Department of Water Resources, in consultation with other state agencies, develop a single standardized water use reporting form, which would be used by both urban and agricultural water agencies.
	CALGreen Code	The reduced project is subject to CALGreen Code's water efficiency standards, including a required 20% mandatory reduction in indoor water use (CALGreen Code, Division 4.3).
	California Water Code, Division 6, Part 2.10, Sections 10910–10915.	Development and approval of the reduced project requires the development of a project-specific Water Supply Assessment.
	Cap-and-Trade Program	Electricity usage associated with water and wastewater supply, treatment and distribution would be subject to the Cap-and-Trade Program.
	California RPS (SB X1-2, SB 350, SB 100)	Electricity usage associated with water and wastewater supply, treatment and distribution associated with the reduced project will be required to comply with RPS set by SB X1-2, SB 350, and SB 100.

Notes: AB = Assembly Bill; CARB = California Air Resources Board; CEC = California Energy Commission; CFC = chlorofluorocarbon; CH4 = methane;  $CO_2$  = carbon dioxide;  $CO_2$ e = carbon dioxide equivalent; CPUC = California Public Utilities Commission; EO = Executive Order; EPA = Environmental Protection Agency; EPA = greenhouse gas; EPA = global warming potential; EPA = hydrochlorofluorocarbon; EPA = hydrofluorocarbon; EPA = greenhouse gas; EPA = metric tons; EPA = nitrous oxide; EPA = National Highway Traffic Safety Administration; EPA = particulate matter; EPA = Renewable Portfolio Standard; EPA = Regional Transportation Plan/Sustainable Communities Strategy; EPA = Senate Bill; EPA = San Diego Association of Governments; EPA = volatile organic compound; EPA = zero emission vehicle

As shown, the reduced project would be consistent with and would not conflict with the applicable GHG-reducing strategies of the state that apply to the reduced project's construction and operational components.

In addition, CARB notes in the First Update that "California is on track to meet the near-term 2020 GHG limit and is well positioned to maintain and continue reductions beyond 2020 as required by AB 32" (CARB 2014). The reduced project would help support achievement of the near-term 2020 goal (as codified in AB 32), the interim 2030 goal

(as codified in SB 32), and the long-term, carbon neutrality 2045 goal (as set forth in EO B-55-18) by being infill development with access to multi-modal transportation options and incorporating design features such as installation of smart meters, installation of programmable thermostats, implementation of a parking management plan, walkability and bicycle access throughout the reduced project site, walking access to the nearby Sprinter station, and drought-tolerant landscaping.<sup>8</sup>

#### Consistency with SANDAG's RTP/SCS

At the regional level, SANDAG's RTP/SCS has been adopted for the purpose of reducing GHG emissions attributable to passenger vehicles in the San Diego region. In October 2015, SANDAG adopted its RTP/SCS, which meets CARB's 2020 and 2035 reduction targets for the region. The RTP/SCS does not regulate land use or supersede the exercise of land use authority by SANDAG's member jurisdictions, but it is a relevant regional reference document for purposes of evaluating the intersection of land use and transportation patterns and the corresponding GHG emissions. CARB has recognized that the approved RTP/SCS is consistent with SB 375 (CARB 2015).

For purposes of the RTP/SCS consistency evaluation, the reduced project would increase access to transit because it is located approximately 0.6 miles from the Palomar College Sprinter station and a bus station is located in front of the reduced project site.<sup>9</sup> The reduced project would provide connectivity by extending the sidewalk to neighboring communities, the shopping center across South Las Posas Road, the bus station, and the Sprinter station. The reduced project's proximity to State Route 78 further allows for easy regional connectivity to employment centers, shopping areas, and recreation opportunities. Furthermore, the reduced project would implement applicable measures in the City's 2020 CAP Consistency Checklist (see Appendix C), installing electric vehicle charging stations, installing bicycle infrastructure, implementing a Transportation Demand Management plan, and reducing parking near transit. These measures would further reduce the reduced project's GHG emissions from vehicle trips, increase access to transit, and encourage alternative modes of transportation. The reduced project's density, land use type, and location are consistent with SANDAG's RTP/SCS, which provides for increased access to transit and promotes regional connectivity to employment centers, shopping areas, and recreation opportunities. The features mentioned above would help facilitate alternative transit usage and reduce the overall vehicle trips, thereby reducing the reduced project's regional GHG emissions.

Based on the considerations outlined above, the reduced project would not conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs, and potential impacts would be less than significant. No mitigation measures are required.

The City uses the North County Transit District (NCTD) for Coaster rail service, Sprinter light rail service, and Breeze bus service for connections throughout the County of San Diego. Sprinter service operates between Escondido and Oceanside with connections to Interstate 5 and the Coaster rail service operating out of the City of Oceanside. The NCTD operates the Palomar College Sprinter, which is within a short walk from the reduced project area. In addition, a bus stop is located in front of the reduced project site. Connections to Orange County can be made via the Metrolink in the City of Oceanside. Similarly, connections to Riverside Transit Authority buses can be made via the transit station in Oceanside and Escondido. Both the Metrolink connection in Oceanside and the Riverside Transit Authority Bus connection in Oceanside and Escondido are accessible through Sprinter light rail service. These public transit options will offer residents of the reduced project area quick access to a variety of alternative modes of transportation.



<sup>8</sup> GHG emission reductions from the listed design features were not quantified.

# 4.3 Mitigation Measures

The reduced project would not result in significant impacts; therefore, no mitigation is required.

## 5 Conclusions

Criteria air pollutant emissions generated during construction and operation of the reduced project would not exceed SDAPCD's significance thresholds or result in a cumulatively considerable net increase in emissions. The reduced project would result in fewer emissions of criteria air pollutants during operation and construction compared to the original project. Similarly, the reduced project would not create a CO hotspot or expose sensitive receptors to substantial concentrations of TACs. Therefore, the reduced project would result in a **less than significant** impact.

Estimated total GHG emissions generated during operation, including amortized construction emissions, would be below the existing land use designation for the site. The reduced project would be consistent with the City's CAP. Furthermore, the reduced project would result in fewer GHGs compared to the original project. The reduced project would not conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs because there are currently no mandatory GHG regulations or finalized agency guidelines that would apply to implementation of this project. Accordingly, potential cumulative GHG impacts would be **less than significant**.

As such, the reduced project would not result in significant impacts to air quality or GHG emissions.

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# **Attachment A**CalEEMod Output Files

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Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Annual

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

#### **Reduced Pacific Specific Plan Project Alternative**

San Diego County APCD Air District, Annual

#### 1.0 Project Characteristics

#### 1.1 Land Usage

Urbanization

(lb/MWhr)

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	646.00	Space	5.81	258,400.00	0
Apartments Mid Rise	152.00	Dwelling Unit	4.00	152,000.00	435
Condo/Townhouse High Rise	147.00	Dwelling Unit	2.30	147,000.00	420

Precipitation Freq (Days)

(lb/MWhr)

40

#### 1.2 Other Project Characteristics

Urban

Climate Zone	13			Operational Year	2027
Utility Company	San Diego Gas & Electric				
CO2 Intensity	539.98	CH4 Intensity	0.033	N2O Intensity	0.004

2.6

Wind Speed (m/s)

(lb/MWhr)

#### 1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on site plan.

Construction Phase - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

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#### Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Annual

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

Off-road Equipment - CalEEMod defaults.

Trips and VMT - CalEEMod defaults. Odd trips were rounded up to account for whole round trips.

On-road Fugitive Dust - CalEEMod defaults.

Grading - CalEEMod defaults.

Architectural Coating - In accordance with SDAPCD Rule 67.0.1.

Vehicle Trips - Based on TIA.

Woodstoves - Natural gas fireplaces in all units.

Consumer Products - CalEEMod defaults.

Area Coating - In accordance with SDAPCD Rule 67.0.1.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

Construction Off-road Equipment Mitigation - In accordance with SDAPCD Rule 55.

Area Mitigation - In accordance with SDAPCD Rule 67.0.1. No wood burning fireplaces.

**Energy Mitigation -**

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	50
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00

#### Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Annual

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

tblFireplaces	NumberGas	83.60	152.00
tblFireplaces	NumberGas	80.85	147.00
tblFireplaces	NumberNoFireplace	15.20	0.00
tblFireplaces	NumberNoFireplace	14.70	0.00
tblFireplaces	NumberWood	53.20	0.00
tblFireplaces	NumberWood	51.45	0.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	65.00	66.00
tblVehicleTrips	ST_TR	4.91	6.00
tblVehicleTrips	ST_TR	4.91	6.00
tblVehicleTrips	SU_TR	4.09	6.00
tblVehicleTrips	SU_TR	4.09	6.00
tblVehicleTrips	WD_TR	5.44	6.00
tblVehicleTrips	WD_TR	5.44	6.00
tblWoodstoves	NumberCatalytic	7.60	0.00
tblWoodstoves	NumberCatalytic	7.35	0.00
tblWoodstoves	NumberNoncatalytic	7.60	0.00
tblWoodstoves	NumberNoncatalytic	7.35	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

### 2.0 Emissions Summary

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#### Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Annual

#### 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					ton	s/yr							MT	/yr		
2026	0.1811	1.4679	1.8200	4.6700e- 003	0.4161	0.0543	0.4704	0.1537	0.0506	0.2044	0.0000	420.5380	420.5380	0.0684	0.0146	426.5902
2027	1.4783	1.5939	2.3139	5.9600e- 003	0.2944	0.0567	0.3511	0.0793	0.0533	0.1326	0.0000	540.2037	540.2037	0.0660	0.0230	548.7189
Maximum	1.4783	1.5939	2.3139	5.9600e- 003	0.4161	0.0567	0.4704	0.1537	0.0533	0.2044	0.0000	540.2037	540.2037	0.0684	0.0230	548.7189

#### **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					ton	s/yr							MT	/yr		
2026	0.1811	1.4679	1.8200	4.6700e- 003	0.2861	0.0543	0.3404	0.0958	0.0506	0.1464	0.0000	420.5377	420.5377	0.0684	0.0146	426.5899
2027	1.4783	1.5939	2.3139	5.9600e- 003	0.2944	0.0567	0.3511	0.0793	0.0533	0.1326	0.0000	540.2034	540.2034	0.0660	0.0230	548.7186
Maximum	1.4783	1.5939	2.3139	5.9600e- 003	0.2944	0.0567	0.3511	0.0958	0.0533	0.1464	0.0000	540.2034	540.2034	0.0684	0.0230	548.7186

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

	ROG	NOx	СО	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	18.29	0.00	15.82	24.85	0.00	17.19	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	6-1-2026	8-31-2026	0.8324	0.8324
2	9-1-2026	11-30-2026	0.5953	0.5953
3	12-1-2026	2-28-2027	0.5889	0.5889
4	3-1-2027	5-31-2027	0.5955	0.5955
5	6-1-2027	8-31-2027	0.5928	0.5928
6	9-1-2027	9-30-2027	0.1582	0.1582
		Highest	0.8324	0.8324

#### Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Annual

#### 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	СО	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					ton	s/yr							MT	/yr		
Area	1.4013	0.2290	2.3105	1.4200e- 003		0.0288	0.0288		0.0288	0.0288	0.0000	239.1454	239.1454	8.0200e- 003	4.3200e- 003	240.6324
Energy	0.0117	0.1003	0.0427	6.4000e- 004		8.1000e- 003	8.1000e- 003	   	8.1000e- 003	8.1000e- 003	0.0000	428.8256	428.8256	0.0213	4.4500e- 003	430.6837
Mobile	0.8049	0.8665	7.5652	0.0163	1.9160	0.0122	1.9282	0.5113	0.0114	0.5227	0.0000	1,509.871 2	1,509.871 2	0.1076	0.0682	1,532.889 7
Waste	1					0.0000	0.0000		0.0000	0.0000	27.9194	0.0000	27.9194	1.6500	0.0000	69.1691
Water	1					0.0000	0.0000		0.0000	0.0000	6.1804	95.5501	101.7306	0.6406	0.0157	122.4239
Total	2.2179	1.1957	9.9183	0.0184	1.9160	0.0491	1.9651	0.5113	0.0483	0.5596	34.0998	2,273.392	2,307.492 0	2.4276	0.0927	2,395.798 7

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#### 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					ton	s/yr							MT	/yr		
Area	1.4013	0.2290	2.3105	1.4200e- 003		0.0288	0.0288		0.0288	0.0288	0.0000	239.1454	239.1454	8.0200e- 003	4.3200e- 003	240.6324
Energy	0.0117	0.1003	0.0427	6.4000e- 004		8.1000e- 003	8.1000e- 003		8.1000e- 003	8.1000e- 003	0.0000	428.8256	428.8256	0.0213	4.4500e- 003	430.6837
Mobile	0.8049	0.8665	7.5652	0.0163	1.9160	0.0122	1.9282	0.5113	0.0114	0.5227	0.0000	1,509.871 2	1,509.871 2	0.1076	0.0682	1,532.889 7
Waste	1					0.0000	0.0000		0.0000	0.0000	27.9194	0.0000	27.9194	1.6500	0.0000	69.1691
Water	1					0.0000	0.0000		0.0000	0.0000	6.1804	95.5501	101.7306	0.6406	0.0157	122.4239
Total	2.2179	1.1957	9.9183	0.0184	1.9160	0.0491	1.9651	0.5113	0.0483	0.5596	34.0998	2,273.392 2	2,307.492 0	2.4276	0.0927	2,395.798 7

	ROG	NOx	СО	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	Site Preparation	Site Preparation	6/1/2026	6/12/2026	5	10	
2	Grading	Grading	6/13/2026	7/24/2026	5	30	
3	Building Construction	Building Construction	7/25/2026	9/17/2027	5	300	

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

4	Paving		9/18/2027	10/15/2027	5	20	
5		•	10/16/2027	11/12/2027	5	20	

Acres of Grading (Site Preparation Phase): 15

Acres of Grading (Grading Phase): 90

Acres of Paving: 5.81

Residential Indoor: 605,475; Residential Outdoor: 201,825; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 15,504 (Architectural Coating – sqft)

#### **OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

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

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
Site Preparation	7	18.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	324.00	74.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	16.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	66.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

#### **3.1 Mitigation Measures Construction**

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

#### 3.2 Site Preparation - 2026

	ROG	NOx	СО	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					ton	s/yr							MT	/yr		
Fugitive Dust					0.0983	0.0000	0.0983	0.0505	0.0000	0.0505	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0124	0.1262	0.0896	1.9000e- 004		5.4300e- 003	5.4300e- 003		5.0000e- 003	5.0000e- 003	0.0000	16.7335	16.7335	5.4100e- 003	0.0000	16.8688
Total	0.0124	0.1262	0.0896	1.9000e- 004	0.0983	5.4300e- 003	0.1037	0.0505	5.0000e- 003	0.0555	0.0000	16.7335	16.7335	5.4100e- 003	0.0000	16.8688

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

# 3.2 Site Preparation - 2026

#### **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					ton	s/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
1 :	2.0000e- 005	8.6000e- 004	3.0000e- 004	0.0000	1.3000e- 004	1.0000e- 005	1.4000e- 004	4.0000e- 005	0.0000	4.0000e- 005	0.0000	0.3794	0.3794	1.0000e- 005	5.0000e- 005	0.3961
Worker	2.0000e- 004	1.3000e- 004	1.6900e- 003	1.0000e- 005	7.2000e- 004	0.0000	7.3000e- 004	1.9000e- 004	0.0000	1.9000e- 004	0.0000	0.5169	0.5169	1.0000e- 005	1.0000e- 005	0.5212
Total	2.2000e- 004	9.9000e- 004	1.9900e- 003	1.0000e- 005	8.5000e- 004	1.0000e- 005	8.7000e- 004	2.3000e- 004	0.0000	2.3000e- 004	0.0000	0.8964	0.8964	2.0000e- 005	6.0000e- 005	0.9173

	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					ton	s/yr							MT	/yr		
Fugitive Dust					0.0442	0.0000	0.0442	0.0227	0.0000	0.0227	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0124	0.1262	0.0896	1.9000e- 004		5.4300e- 003	5.4300e- 003		5.0000e- 003	5.0000e- 003	0.0000	16.7335	16.7335	5.4100e- 003	0.0000	16.8688
Total	0.0124	0.1262	0.0896	1.9000e- 004	0.0442	5.4300e- 003	0.0497	0.0227	5.0000e- 003	0.0277	0.0000	16.7335	16.7335	5.4100e- 003	0.0000	16.8688

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

# 3.2 Site Preparation - 2026 Mitigated Construction Off-Site

	ROG	NOx	СО	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					ton	s/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	2.0000e- 005	8.6000e- 004	3.0000e- 004	0.0000	1.3000e- 004	1.0000e- 005	1.4000e- 004	4.0000e- 005	0.0000	4.0000e- 005	0.0000	0.3794	0.3794	1.0000e- 005	5.0000e- 005	0.3961
Worker	2.0000e- 004	1.3000e- 004	1.6900e- 003	1.0000e- 005	7.2000e- 004	0.0000	7.3000e- 004	1.9000e- 004	0.0000	1.9000e- 004	0.0000	0.5169	0.5169	1.0000e- 005	1.0000e- 005	0.5212
Total	2.2000e- 004	9.9000e- 004	1.9900e- 003	1.0000e- 005	8.5000e- 004	1.0000e- 005	8.7000e- 004	2.3000e- 004	0.0000	2.3000e- 004	0.0000	0.8964	0.8964	2.0000e- 005	6.0000e- 005	0.9173

# 3.3 Grading - 2026

	ROG	NOx	СО	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					ton	s/yr							MT	/yr		
Fugitive Dust			 	i i	0.1381	0.0000	0.1381	0.0548	0.0000	0.0548	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0435	0.4191	0.3950	9.3000e- 004		0.0170	0.0170		0.0156	0.0156	0.0000	81.7593	81.7593	0.0264	0.0000	82.4204
Total	0.0435	0.4191	0.3950	9.3000e- 004	0.1381	0.0170	0.1550	0.0548	0.0156	0.0704	0.0000	81.7593	81.7593	0.0264	0.0000	82.4204

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

3.3 Grading - 2026

#### **Unmitigated Construction Off-Site**

	ROG	NOx	СО	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					ton	s/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	6.0000e- 005	2.5900e- 003	8.9000e- 004	1.0000e- 005	4.0000e- 004	2.0000e- 005	4.1000e- 004	1.2000e- 004	1.0000e- 005	1.3000e- 004	0.0000	1.1382	1.1382	4.0000e- 005	1.6000e- 004	1.1883
Worker	6.8000e- 004	4.2000e- 004	5.6400e- 003	2.0000e- 005	2.4100e- 003	1.0000e- 005	2.4200e- 003	6.4000e- 004	1.0000e- 005	6.5000e- 004	0.0000	1.7231	1.7231	4.0000e- 005	4.0000e- 005	1.7373
Total	7.4000e- 004	3.0100e- 003	6.5300e- 003	3.0000e- 005	2.8100e- 003	3.0000e- 005	2.8300e- 003	7.6000e- 004	2.0000e- 005	7.8000e- 004	0.0000	2.8614	2.8614	8.0000e- 005	2.0000e- 004	2.9256

	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					ton	s/yr							МТ	/yr		
Fugitive Dust					0.0621	0.0000	0.0621	0.0247	0.0000	0.0247	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0435	0.4191	0.3950	9.3000e- 004		0.0170	0.0170		0.0156	0.0156	0.0000	81.7592	81.7592	0.0264	0.0000	82.4203
Total	0.0435	0.4191	0.3950	9.3000e- 004	0.0621	0.0170	0.0791	0.0247	0.0156	0.0403	0.0000	81.7592	81.7592	0.0264	0.0000	82.4203

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

3.3 Grading - 2026

#### **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					ton	s/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	6.0000e- 005	2.5900e- 003	8.9000e- 004	1.0000e- 005	4.0000e- 004	2.0000e- 005	4.1000e- 004	1.2000e- 004	1.0000e- 005	1.3000e- 004	0.0000	1.1382	1.1382	4.0000e- 005	1.6000e- 004	1.1883
Worker	6.8000e- 004	4.2000e- 004	5.6400e- 003	2.0000e- 005	2.4100e- 003	1.0000e- 005	2.4200e- 003	6.4000e- 004	1.0000e- 005	6.5000e- 004	0.0000	1.7231	1.7231	4.0000e- 005	4.0000e- 005	1.7373
Total	7.4000e- 004	3.0100e- 003	6.5300e- 003	3.0000e- 005	2.8100e- 003	3.0000e- 005	2.8300e- 003	7.6000e- 004	2.0000e- 005	7.8000e- 004	0.0000	2.8614	2.8614	8.0000e- 005	2.0000e- 004	2.9256

# 3.4 Building Construction - 2026

	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					ton	s/yr							MT	/yr		
	0.0779	0.7108	0.9168	1.5400e- 003		0.0301	0.0301		0.0283	0.0283	0.0000	132.1941	132.1941	0.0311	0.0000	132.9710
Total	0.0779	0.7108	0.9168	1.5400e- 003		0.0301	0.0301		0.0283	0.0283	0.0000	132.1941	132.1941	0.0311	0.0000	132.9710

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

# 3.4 Building Construction - 2026 <u>Unmitigated Construction Off-Site</u>

	ROG	NOx	СО	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					ton	s/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	4.4900e- 003	0.1822	0.0627	8.1000e- 004	0.0280	1.1000e- 003	0.0291	8.0900e- 003	1.0500e- 003	9.1400e- 003	0.0000	80.0177	80.0177	2.7500e- 003	0.0116	83.5377
Worker	0.0418	0.0257	0.3474	1.1600e- 003	0.1481	7.0000e- 004	0.1488	0.0394	6.5000e- 004	0.0400	0.0000	106.0758	106.0758	2.6500e- 003	2.7100e- 003	106.9495
Total	0.0463	0.2078	0.4101	1.9700e- 003	0.1761	1.8000e- 003	0.1779	0.0474	1.7000e- 003	0.0491	0.0000	186.0934	186.0934	5.4000e- 003	0.0143	190.4872

	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					ton	s/yr							MT	/yr		
Off-Road	0.0779	0.7108	0.9168	1.5400e- 003		0.0301	0.0301		0.0283	0.0283	0.0000	132.1939	132.1939	0.0311	0.0000	132.9708
Total	0.0779	0.7108	0.9168	1.5400e- 003		0.0301	0.0301		0.0283	0.0283	0.0000	132.1939	132.1939	0.0311	0.0000	132.9708

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

# 3.4 Building Construction - 2026

**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					ton	s/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	4.4900e- 003	0.1822	0.0627	8.1000e- 004	0.0280	1.1000e- 003	0.0291	8.0900e- 003	1.0500e- 003	9.1400e- 003	0.0000	80.0177	80.0177	2.7500e- 003	0.0116	83.5377
Worker	0.0418	0.0257	0.3474	1.1600e- 003	0.1481	7.0000e- 004	0.1488	0.0394	6.5000e- 004	0.0400	0.0000	106.0758	106.0758	2.6500e- 003	2.7100e- 003	106.9495
Total	0.0463	0.2078	0.4101	1.9700e- 003	0.1761	1.8000e- 003	0.1779	0.0474	1.7000e- 003	0.0491	0.0000	186.0934	186.0934	5.4000e- 003	0.0143	190.4872

# 3.4 Building Construction - 2027

	ROG	NOx	СО	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					ton	s/yr							MT	/yr		
Off-Road	0.1272	1.1597	1.4959	2.5100e- 003		0.0491	0.0491		0.0462	0.0462	0.0000	215.6851	215.6851	0.0507	0.0000	216.9526
Total	0.1272	1.1597	1.4959	2.5100e- 003		0.0491	0.0491		0.0462	0.0462	0.0000	215.6851	215.6851	0.0507	0.0000	216.9526

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

# 3.4 Building Construction - 2027 <u>Unmitigated Construction Off-Site</u>

	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					ton	s/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	7.1500e- 003	0.2941	0.1012	1.3000e- 003	0.0457	1.7700e- 003	0.0475	0.0132	1.7000e- 003	0.0149	0.0000	127.8559	127.8559	4.5900e- 003	0.0185	133.4841
Worker	0.0645	0.0384	0.5371	1.8300e- 003	0.2416	1.0800e- 003	0.2427	0.0642	9.9000e- 004	0.0652	0.0000	168.0312	168.0312	3.9700e- 003	4.2000e- 003	169.3831
Total	0.0716	0.3325	0.6384	3.1300e- 003	0.2873	2.8500e- 003	0.2902	0.0774	2.6900e- 003	0.0801	0.0000	295.8871	295.8871	8.5600e- 003	0.0227	302.8672

	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					ton	s/yr							MT	/yr		
Off-Road	0.1272	1.1597	1.4959	2.5100e- 003		0.0491	0.0491		0.0462	0.0462	0.0000	215.6848	215.6848	0.0507	0.0000	216.9524
Total	0.1272	1.1597	1.4959	2.5100e- 003		0.0491	0.0491		0.0462	0.0462	0.0000	215.6848	215.6848	0.0507	0.0000	216.9524

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

# 3.4 Building Construction - 2027 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					ton	s/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	7.1500e- 003	0.2941	0.1012	1.3000e- 003	0.0457	1.7700e- 003	0.0475	0.0132	1.7000e- 003	0.0149	0.0000	127.8559	127.8559	4.5900e- 003	0.0185	133.4841
Worker	0.0645	0.0384	0.5371	1.8300e- 003	0.2416	1.0800e- 003	0.2427	0.0642	9.9000e- 004	0.0652	0.0000	168.0312	168.0312	3.9700e- 003	4.2000e- 003	169.3831
Total	0.0716	0.3325	0.6384	3.1300e- 003	0.2873	2.8500e- 003	0.2902	0.0774	2.6900e- 003	0.0801	0.0000	295.8871	295.8871	8.5600e- 003	0.0227	302.8672

# 3.5 Paving - 2027 <u>Unmitigated Construction On-Site</u>

	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					ton	s/yr							МТ	Γ/yr		
1	9.1500e- 003	0.0858	0.1458	2.3000e- 004		4.1900e- 003	4.1900e- 003		3.8500e- 003	3.8500e- 003	0.0000	20.0193	20.0193	6.4700e- 003	0.0000	20.1811
	7.6100e- 003		 			0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0168	0.0858	0.1458	2.3000e- 004		4.1900e- 003	4.1900e- 003		3.8500e- 003	3.8500e- 003	0.0000	20.0193	20.0193	6.4700e- 003	0.0000	20.1811

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

3.5 Paving - 2027
<u>Unmitigated Construction Off-Site</u>

	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					ton	s/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
1	4.0000e- 005	1.7100e- 003	5.9000e- 004	1.0000e- 005	2.7000e- 004	1.0000e- 005	2.8000e- 004	8.0000e- 005	1.0000e- 005	9.0000e- 005	0.0000	0.7431	0.7431	3.0000e- 005	1.1000e- 004	0.7758
Worker	3.4000e- 004	2.0000e- 004	2.8500e- 003	1.0000e- 005	1.2800e- 003	1.0000e- 005	1.2900e- 003	3.4000e- 004	1.0000e- 005	3.5000e- 004	0.0000	0.8922	0.8922	2.0000e- 005	2.0000e- 005	0.8994
Total	3.8000e- 004	1.9100e- 003	3.4400e- 003	2.0000e- 005	1.5500e- 003	2.0000e- 005	1.5700e- 003	4.2000e- 004	2.0000e- 005	4.4000e- 004	0.0000	1.6354	1.6354	5.0000e- 005	1.3000e- 004	1.6753

	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					ton	s/yr							MT	/yr		
Off-Road	9.1500e- 003	0.0858	0.1458	2.3000e- 004		4.1900e- 003	4.1900e- 003	  -  -	3.8500e- 003	3.8500e- 003	0.0000	20.0192	20.0192	6.4700e- 003	0.0000	20.1811
1 .	7.6100e- 003		 		 	0.0000	0.0000	i i	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0168	0.0858	0.1458	2.3000e- 004		4.1900e- 003	4.1900e- 003		3.8500e- 003	3.8500e- 003	0.0000	20.0192	20.0192	6.4700e- 003	0.0000	20.1811

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

3.5 Paving - 2027

<u>Mitigated Construction Off-Site</u>

	ROG	NOx	СО	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					ton	s/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- 005	1.7100e- 003	5.9000e- 004	1.0000e- 005	2.7000e- 004	1.0000e- 005	2.8000e- 004	8.0000e- 005	1.0000e- 005	9.0000e- 005	0.0000	0.7431	0.7431	3.0000e- 005	1.1000e- 004	0.7758
Worker	3.4000e- 004	2.0000e- 004	2.8500e- 003	1.0000e- 005	1.2800e- 003	1.0000e- 005	1.2900e- 003	3.4000e- 004	1.0000e- 005	3.5000e- 004	0.0000	0.8922	0.8922	2.0000e- 005	2.0000e- 005	0.8994
Total	3.8000e- 004	1.9100e- 003	3.4400e- 003	2.0000e- 005	1.5500e- 003	2.0000e- 005	1.5700e- 003	4.2000e- 004	2.0000e- 005	4.4000e- 004	0.0000	1.6354	1.6354	5.0000e- 005	1.3000e- 004	1.6753

# 3.6 Architectural Coating - 2027 <u>Unmitigated Construction On-Site</u>

	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					ton	s/yr							MT	/yr		
Archit. Coating	1.2592					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7100e- 003	0.0115	0.0181	3.0000e- 005		5.2000e- 004	5.2000e- 004	  -  -	5.2000e- 004	5.2000e- 004	0.0000	2.5533	2.5533	1.4000e- 004	0.0000	2.5567
Total	1.2609	0.0115	0.0181	3.0000e- 005		5.2000e- 004	5.2000e- 004		5.2000e- 004	5.2000e- 004	0.0000	2.5533	2.5533	1.4000e- 004	0.0000	2.5567

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

# 3.6 Architectural Coating - 2027 Unmitigated Construction Off-Site

	ROG	NOx	СО	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					ton	s/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- 005	1.7100e- 003	5.9000e- 004	1.0000e- 005	2.7000e- 004	1.0000e- 005	2.8000e- 004	8.0000e- 005	1.0000e- 005	9.0000e- 005	0.0000	0.7431	0.7431	3.0000e- 005	1.1000e- 004	0.7758
Worker	1.4100e- 003	8.4000e- 004	0.0118	4.0000e- 005	5.2900e- 003	2.0000e- 005	5.3200e- 003	1.4100e- 003	2.0000e- 005	1.4300e- 003	0.0000	3.6805	3.6805	9.0000e- 005	9.0000e- 005	3.7101
Total	1.4500e- 003	2.5500e- 003	0.0124	5.0000e- 005	5.5600e- 003	3.0000e- 005	5.6000e- 003	1.4900e- 003	3.0000e- 005	1.5200e- 003	0.0000	4.4236	4.4236	1.2000e- 004	2.0000e- 004	4.4859

	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	1.2592					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
- On Roda	1.7100e- 003	0.0115	0.0181	3.0000e- 005		5.2000e- 004	5.2000e- 004		5.2000e- 004	5.2000e- 004	0.0000	2.5533	2.5533	1.4000e- 004	0.0000	2.5567
Total	1.2609	0.0115	0.0181	3.0000e- 005		5.2000e- 004	5.2000e- 004		5.2000e- 004	5.2000e- 004	0.0000	2.5533	2.5533	1.4000e- 004	0.0000	2.5567

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

# 3.6 Architectural Coating - 2027 Mitigated Construction Off-Site

	ROG	NOx	СО	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					ton	s/yr							МТ	/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- 005	1.7100e- 003	5.9000e- 004	1.0000e- 005	2.7000e- 004	1.0000e- 005	2.8000e- 004	8.0000e- 005	1.0000e- 005	9.0000e- 005	0.0000	0.7431	0.7431	3.0000e- 005	1.1000e- 004	0.7758
Worker	1.4100e- 003	8.4000e- 004	0.0118	4.0000e- 005	5.2900e- 003	2.0000e- 005	5.3200e- 003	1.4100e- 003	2.0000e- 005	1.4300e- 003	0.0000	3.6805	3.6805	9.0000e- 005	9.0000e- 005	3.7101
Total	1.4500e- 003	2.5500e- 003	0.0124	5.0000e- 005	5.5600e- 003	3.0000e- 005	5.6000e- 003	1.4900e- 003	3.0000e- 005	1.5200e- 003	0.0000	4.4236	4.4236	1.2000e- 004	2.0000e- 004	4.4859

### 4.0 Operational Detail - Mobile

### **4.1 Mitigation Measures Mobile**

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### 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					ton	s/yr							MT	/yr		
Mitigated	0.8049	0.8665	7.5652	0.0163	1.9160	0.0122	1.9282	0.5113	0.0114	0.5227	0.0000	1,509.871 2	1,509.871 2	0.1076	0.0682	1,532.889 7
Unmitigated	0.8049	0.8665	7.5652	0.0163	1.9160	0.0122	1.9282	0.5113	0.0114	0.5227	0.0000	1,509.871 2	1,509.871 2	0.1076	0.0682	1,532.889 7

### **4.2 Trip Summary Information**

	Ave	age Daily Trip Ra	ate	Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	912.00	912.00	912.00	2,604,037	2,604,037
Condo/Townhouse High Rise	882.00	882.00	882.00	2,518,378	2,518,378
Parking Lot	0.00	0.00	0.00		
Total	1,794.00	1,794.00	1,794.00	5,122,414	5,122,414

### **4.3 Trip Type Information**

		Miles			Trip %			Trip Purpos	e %
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
Apartments Mid Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
Condo/Townhouse High Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
Parking Lot	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
Apartments Mid Rise	0.568480	0.062094	0.174123	0.115064	0.023357	0.006399	0.009361	0.006325	0.000693	0.000596	0.028205	0.000919	0.004383
Condo/Townhouse High Rise	0.568480	0.062094	0.174123	0.115064	0.023357	0.006399	0.009361	0.006325	0.000693	0.000596	0.028205	0.000919	0.004383

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

Parking Lot	0.56848	0.062094	0.174123	0.115064	0.023357	0.006399	0.009361	0.006325	0.000693	0.000596	0.028205	0.000919	0.004383

### 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					ton	s/yr							MT	/yr		
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	312.7306	312.7306	0.0191	2.3200e- 003	313.8987
Electricity Unmitigated						0.0000	0.0000	   	0.0000	0.0000	0.0000	312.7306	312.7306	0.0191	2.3200e- 003	313.8987
NaturalGas Mitigated	0.0117	0.1003	0.0427	6.4000e- 004	 	8.1000e- 003	8.1000e- 003	       	8.1000e- 003	8.1000e- 003	0.0000	116.0950	116.0950	2.2300e- 003	2.1300e- 003	116.7849
NaturalGas Unmitigated	0.0117	0.1003	0.0427	6.4000e- 004		8.1000e- 003	8.1000e- 003	     	8.1000e- 003	8.1000e- 003	0.0000	116.0950	116.0950	2.2300e- 003	2.1300e- 003	116.7849

### 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**

	NaturalGa s Use	ROG	NOx	СО	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					ton	s/yr							MT	/yr		
Apartments Mid Rise	1.10596e +006	5.9600e- 003	0.0510	0.0217	3.3000e- 004		4.1200e- 003	4.1200e- 003		4.1200e- 003	4.1200e- 003	0.0000	59.0182	59.0182	1.1300e- 003	1.0800e- 003	59.3689
Condo/Townhous e High Rise	1.06958e +006	5.7700e- 003	0.0493	0.0210	3.1000e- 004		3.9800e- 003	3.9800e- 003		3.9800e- 003	3.9800e- 003	0.0000	57.0768	57.0768	1.0900e- 003	1.0500e- 003	57.4160
Parking Lot	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		0.0117	0.1002	0.0427	6.4000e- 004		8.1000e- 003	8.1000e- 003		8.1000e- 003	8.1000e- 003	0.0000	116.0951	116.0951	2.2200e- 003	2.1300e- 003	116.7849

### 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**

	NaturalGa s 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														
Apartments Mid Rise	1.10596e +006	5.9600e- 003	0.0510	0.0217	3.3000e- 004		4.1200e- 003	4.1200e- 003		4.1200e- 003	4.1200e- 003	0.0000	59.0182	59.0182	1.1300e- 003	1.0800e- 003	59.3689
Condo/Townhous e High Rise	1.06958e +006	5.7700e- 003	0.0493	0.0210	3.1000e- 004		3.9800e- 003	3.9800e- 003		3.9800e- 003	3.9800e- 003	0.0000	57.0768	57.0768	1.0900e- 003	1.0500e- 003	57.4160
Parking Lot	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		0.0117	0.1002	0.0427	6.4000e- 004		8.1000e- 003	8.1000e- 003		8.1000e- 003	8.1000e- 003	0.0000	116.0951	116.0951	2.2200e- 003	2.1300e- 003	116.7849

### 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	
Apartments Mid Rise	583701	142.9664	8.7400e- 003	1.0600e- 003	143.5005
Condo/Townhous e High Rise	602671	147.6126	9.0200e- 003	1.0900e- 003	148.1640
Parking Lot	90440	22.1515	1.3500e- 003	1.6000e- 004	22.2343
Total		312.7306	0.0191	2.3100e- 003	313.8987

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### 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	
Apartments Mid Rise	583701	142.9664	8.7400e- 003	1.0600e- 003	143.5005
Condo/Townhous e High Rise	602671	147.6126	9.0200e- 003	1.0900e- 003	148.1640
Parking Lot	90440	22.1515	1.3500e- 003	1.6000e- 004	22.2343
Total		312.7306	0.0191	2.3100e- 003	313.8987

### 6.0 Area Detail

## **6.1 Mitigation Measures Area**

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use only Natural Gas Hearths

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

	ROG	NOx	СО	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					ton	s/yr							MT	/yr		
Mitigated	1.4013	0.2290	2.3105	1.4200e- 003		0.0288	0.0288		0.0288	0.0288	0.0000	239.1454	239.1454	8.0200e- 003	4.3200e- 003	240.6324
Unmitigated	1.4013	0.2290	2.3105	1.4200e- 003		0.0288	0.0288		0.0288	0.0288	0.0000	239.1454	239.1454	8.0200e- 003	4.3200e- 003	240.6324

# 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	y tons/yr						MT/yr									
Architectural Coating	0.1259					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.1845				 	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0238	0.2034	0.0865	1.3000e- 003		0.0164	0.0164		0.0164	0.0164	0.0000	235.5073	235.5073	4.5100e- 003	4.3200e- 003	236.9068
Landscaping	0.0671	0.0256	2.2239	1.2000e- 004		0.0123	0.0123		0.0123	0.0123	0.0000	3.6381	3.6381	3.5000e- 003	0.0000	3.7256
Total	1.4013	0.2290	2.3105	1.4200e- 003		0.0288	0.0288		0.0288	0.0288	0.0000	239.1453	239.1453	8.0100e- 003	4.3200e- 003	240.6324

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### 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	ry tons/yr						MT/yr									
Architectural Coating	0.1259		i i			0.0000	0.0000	 	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.1845		1 1 1		 	0.0000	0.0000	 	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0238	0.2034	0.0865	1.3000e- 003	 	0.0164	0.0164	 	0.0164	0.0164	0.0000	235.5073	235.5073	4.5100e- 003	4.3200e- 003	236.9068
Landscaping	0.0671	0.0256	2.2239	1.2000e- 004	i i	0.0123	0.0123	 	0.0123	0.0123	0.0000	3.6381	3.6381	3.5000e- 003	0.0000	3.7256
Total	1.4013	0.2290	2.3105	1.4200e- 003		0.0288	0.0288		0.0288	0.0288	0.0000	239.1453	239.1453	8.0100e- 003	4.3200e- 003	240.6324

### 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						
Ĭ	101.7306	0.6406	0.0157	122.4239			
Unmitigated	101.7306	0.6406	0.0157	122.4239			

# 7.2 Water by Land Use <u>Unmitigated</u>

	Indoor/Out door Use	Total CO2	CH4	N2O	CO2e	
Land Use	Mgal	MT/yr				
Apartments Mid Rise	9.90341 / 6.24346	51.7159	0.3257	7.9800e- 003	62.2356	
Condo/Townhous e High Rise	9.57764 / 6.03808	50.0147	0.3150	7.7200e- 003	60.1883	
Parking Lot	0/0	0.0000	0.0000	0.0000	0.0000	
Total		101.7306	0.6406	0.0157	122.4239	

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

### 7.2 Water by Land Use

### **Mitigated**

	Indoor/Out door Use	Total CO2	CH4	N2O	CO2e	
Land Use	Mgal	MT/yr				
Apartments Mid Rise	9.90341 / 6.24346	51.7159	0.3257	7.9800e- 003	62.2356	
Condo/Townhous e High Rise	9.57764 / 6.03808	50.0147	0.3150	7.7200e- 003	60.1883	
Parking Lot	0/0	0.0000	0.0000	0.0000	0.0000	
Total		101.7306	0.6406	0.0157	122.4239	

### 8.0 Waste Detail

### 8.1 Mitigation Measures Waste

### 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						
ga.ea	27.9194	1.6500	0.0000	69.1691			
Unmitigated	27.9194	1.6500	0.0000	69.1691			

# 8.2 Waste by Land Use <u>Unmitigated</u>

	Waste Disposed	Total CO2	CH4	N2O	CO2e	
Land Use	tons	MT/yr				
Apartments Mid Rise	69.92	14.1931	0.8388	0.0000	35.1629	
Condo/Townhous e High Rise	67.62	13.7263	0.8112	0.0000	34.0062	
Parking Lot	0	0.0000	0.0000	0.0000	0.0000	
Total		27.9194	1.6500	0.0000	69.1691	

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

### 8.2 Waste by Land Use

#### **Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons		MT	-/yr	
Apartments Mid Rise	69.92	14.1931	0.8388	0.0000	35.1629
Condo/Townhous e High Rise	67.62	13.7263	0.8112	0.0000	34.0062
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		27.9194	1.6500	0.0000	69.1691

### 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
						1

#### **Boilers**

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

### **User Defined Equipment**

Equipment Type	Number

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

11.0 Vegetation

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

### **Reduced Pacific Specific Plan Project Alternative**

San Diego County APCD Air District, Summer

### 1.0 Project Characteristics

#### 1.1 Land Usage

Urbanization

**CO2 Intensity** 

(lb/MWhr)

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	646.00	Space	5.81	258,400.00	0
Apartments Mid Rise	152.00	Dwelling Unit	4.00	152,000.00	435
Condo/Townhouse High Rise	147.00	Dwelling Unit	2.30	147,000.00	420

Precipitation Freq (Davs)

**N2O Intensity** 

(lb/MWhr)

40

0.004

#### 1.2 Other Project Characteristics

Urban

539.98

Climate Zone	13		Operational Year	2027
Utility Company	San Diego Gas & Electric			

2.6

0.033

Wind Speed (m/s)

**CH4 Intensity** 

(lb/MWhr)

# 1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on site plan.

Construction Phase - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

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

Off-road Equipment - CalEEMod defaults.

Trips and VMT - CalEEMod defaults. Odd trips were rounded up to account for whole round trips.

On-road Fugitive Dust - CalEEMod defaults.

Grading - CalEEMod defaults.

Architectural Coating - In accordance with SDAPCD Rule 67.0.1.

Vehicle Trips - Based on TIA.

Woodstoves - Natural gas fireplaces in all units.

Consumer Products - CalEEMod defaults.

Area Coating - In accordance with SDAPCD Rule 67.0.1.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

Construction Off-road Equipment Mitigation - In accordance with SDAPCD Rule 55.

Area Mitigation - In accordance with SDAPCD Rule 67.0.1. No wood burning fireplaces.

**Energy Mitigation -**

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	50
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00

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

tblFireplaces	NumberGas	83.60	152.00
tblFireplaces	NumberGas	80.85	147.00
tblFireplaces	NumberNoFireplace	15.20	0.00
tblFireplaces	NumberNoFireplace	14.70	0.00
tblFireplaces	NumberWood	53.20	0.00
tblFireplaces	NumberWood	51.45	0.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	65.00	66.00
tblVehicleTrips	ST_TR	4.91	6.00
tblVehicleTrips	ST_TR	4.91	6.00
tblVehicleTrips	SU_TR	4.09	6.00
tblVehicleTrips	SU_TR	4.09	6.00
tblVehicleTrips	WD_TR	5.44	6.00
tblVehicleTrips	WD_TR	5.44	6.00
tblWoodstoves	NumberCatalytic	7.60	0.00
tblWoodstoves	NumberCatalytic	7.35	0.00
tblWoodstoves	NumberNoncatalytic	7.60	0.00
tblWoodstoves	NumberNoncatalytic	7.35	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

### 2.0 Emissions Summary

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### Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Summer

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

### 2.1 Overall Construction (Maximum Daily Emission)

### **Unmitigated Construction**

	ROG	NOx	СО	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/d	day							lb/d	lay		
2026	2.9512	28.1349	26.7846	0.0641	19.8320	1.1327	20.9205	10.1495	1.0421	11.1509	0.0000	6,253.950 0	6,253.950 0	1.9491	0.2728	6,352.833 2
2027	126.2325	15.8977	23.2148	0.0616	3.1628	0.5582	3.7210	0.8503	0.5252	1.3754	0.0000	6,159.227 5	6,159.227 5	0.7189	0.2658	6,255.930 6
Maximum	126.2325	28.1349	26.7846	0.0641	19.8320	1.1327	20.9205	10.1495	1.0421	11.1509	0.0000	6,253.950 0	6,253.950 0	1.9491	0.2728	6,352.833 2

### **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/d	day							lb/c	lay		
2026	2.9512	28.1349	26.7846	0.0641	9.0206	1.1327	10.1091	4.5931	1.0421	5.5946	0.0000	6,253.950 0	6,253.950 0	1.9491	0.2728	6,352.833 2
2027	126.2325	15.8977	23.2148	0.0616	3.1628	0.5582	3.7210	0.8503	0.5252	1.3754	0.0000	6,159.227 5	6,159.227 5	0.7189	0.2658	6,255.930 6
Maximum	126.2325	28.1349	26.7846	0.0641	9.0206	1.1327	10.1091	4.5931	1.0421	5.5946	0.0000	6,253.950 0	6,253.950 0	1.9491	0.2728	6,352.833 2

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

	ROG	NOx	СО	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	47.02	0.00	43.87	50.51	0.00	44.36	0.00	0.00	0.00	0.00	0.00	0.00

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### Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Summer

### 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/d	day							lb/c	lay		
Area	8.5065	5.2444	26.8209	0.0330		0.5380	0.5380		0.5380	0.5380	0.0000	6,376.323 2	6,376.323 2	0.1643	0.1161	6,415.022 3
Energy	0.0643	0.5493	0.2337	3.5100e- 003		0.0444	0.0444		0.0444	0.0444		701.2213	701.2213	0.0134	0.0129	705.3883
Mobile	4.6202	4.4468	41.2685	0.0932	10.7823	0.0673	10.8496	2.8721	0.0628	2.9348		9,502.975 0	9,502.975 0	0.6296	0.3969	9,636.983 5
Total	13.1910	10.2404	68.3231	0.1297	10.7823	0.6497	11.4320	2.8721	0.6452	3.5172	0.0000	16,580.51 95	16,580.51 95	0.8073	0.5258	16,757.39 41

### **Mitigated Operational**

	ROG	NOx	СО	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/e	day							lb/d	lay		
Area	8.5065	5.2444	26.8209	0.0330		0.5380	0.5380		0.5380	0.5380	0.0000	6,376.323 2	6,376.323 2	0.1643	0.1161	6,415.022 3
Energy	0.0643	0.5493	0.2337	3.5100e- 003		0.0444	0.0444		0.0444	0.0444		701.2213	701.2213	0.0134	0.0129	705.3883
Mobile	4.6202	4.4468	41.2685	0.0932	10.7823	0.0673	10.8496	2.8721	0.0628	2.9348		9,502.975 0	9,502.975 0	0.6296	0.3969	9,636.983 5
Total	13.1910	10.2404	68.3231	0.1297	10.7823	0.6497	11.4320	2.8721	0.6452	3.5172	0.0000	16,580.51 95	16,580.51 95	0.8073	0.5258	16,757.39 41

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

	ROG	NOx	СО	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	Site Preparation	Site Preparation	6/1/2026	6/12/2026	5	10	
2	Grading	Grading	6/13/2026	7/24/2026	5	30	
3	Building Construction	Building Construction	7/25/2026	9/17/2027	5	300	
4	Paving	Paving	9/18/2027	10/15/2027	5	20	
5	Architectural Coating	Architectural Coating	10/16/2027	11/12/2027	5	20	

Acres of Grading (Site Preparation Phase): 15

Acres of Grading (Grading Phase): 90

Acres of Paving: 5.81

Residential Indoor: 605,475; Residential Outdoor: 201,825; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 15,504 (Architectural Coating – sqft)

#### **OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48

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

Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
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
Site Preparation	7	18.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	324.00	74.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	16.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	66.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

### **3.1 Mitigation Measures Construction**

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

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### Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Summer

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

# 3.2 Site Preparation - 2026

### **Unmitigated Construction On-Site**

	ROG	NOx	СО	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/d	day							lb/d	day		
Fugitive Dust	1 1 1 1 1				19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999		3,689.103 7	3,689.103 7	1.1931		3,718.932 0
Total	2.4727	25.2339	17.9118	0.0381	19.6570	1.0868	20.7438	10.1025	0.9999	11.1023		3,689.103 7	3,689.103 7	1.1931		3,718.932 0

### **Unmitigated Construction Off-Site**

	ROG	NOx	СО	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/d	day							lb/d	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	4.3400e- 003	0.1668	0.0586	7.7000e- 004	0.0271	1.0400e- 003	0.0281	7.8000e- 003	9.9000e- 004	8.7900e- 003		83.5919	83.5919	2.8800e- 003	0.0121	87.2672
Worker	0.0411	0.0227	0.3554	1.1800e- 003	0.1479	6.9000e- 004	0.1486	0.0392	6.3000e- 004	0.0399		119.5014	119.5014	2.7100e- 003	2.7300e- 003	120.3829
Total	0.0454	0.1895	0.4140	1.9500e- 003	0.1750	1.7300e- 003	0.1767	0.0470	1.6200e- 003	0.0486		203.0933	203.0933	5.5900e- 003	0.0148	207.6501

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### Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Summer

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

# 3.2 Site Preparation - 2026

### **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/d	day							lb/c	lay		
Fugitive Dust					8.8457	0.0000	8.8457	4.5461	0.0000	4.5461			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999	0.0000	3,689.103 7	3,689.103 7	1.1931		3,718.932 0
Total	2.4727	25.2339	17.9118	0.0381	8.8457	1.0868	9.9324	4.5461	0.9999	5.5460	0.0000	3,689.103 7	3,689.103 7	1.1931		3,718.932 0

### **Mitigated Construction Off-Site**

	ROG	NOx	СО	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/d	day							lb/d	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
1	4.3400e- 003	0.1668	0.0586	7.7000e- 004	0.0271	1.0400e- 003	0.0281	7.8000e- 003	9.9000e- 004	8.7900e- 003		83.5919	83.5919	2.8800e- 003	0.0121	87.2672
Worker	0.0411	0.0227	0.3554	1.1800e- 003	0.1479	6.9000e- 004	0.1486	0.0392	6.3000e- 004	0.0399		119.5014	119.5014	2.7100e- 003	2.7300e- 003	120.3829
Total	0.0454	0.1895	0.4140	1.9500e- 003	0.1750	1.7300e- 003	0.1767	0.0470	1.6200e- 003	0.0486		203.0933	203.0933	5.5900e- 003	0.0148	207.6501

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### Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Summer

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

3.3 Grading - 2026

### **Unmitigated Construction On-Site**

	ROG	NOx	СО	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/d	day							lb/c	day		
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621	 	1.1309	1.1309		1.0404	1.0404		6,008.281 4	6,008.281 4	1.9432	       	6,056.861 4
Total	2.9012	27.9429	26.3311	0.0621	9.2036	1.1309	10.3345	3.6538	1.0404	4.6942		6,008.281 4	6,008.281 4	1.9432		6,056.861 4

### **Unmitigated Construction Off-Site**

	ROG	NOx	СО	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/d	day							lb/d	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
1	4.3400e- 003	0.1668	0.0586	7.7000e- 004	0.0271	1.0400e- 003	0.0281	7.8000e- 003	9.9000e- 004	8.7900e- 003		83.5919	83.5919	2.8800e- 003	0.0121	87.2672
Worker	0.0457	0.0252	0.3949	1.3100e- 003	0.1643	7.6000e- 004	0.1651	0.0436	7.0000e- 004	0.0443		132.7794	132.7794	3.0200e- 003	3.0300e- 003	133.7588
Total	0.0500	0.1920	0.4535	2.0800e- 003	0.1914	1.8000e- 003	0.1932	0.0514	1.6900e- 003	0.0531		216.3713	216.3713	5.9000e- 003	0.0151	221.0260

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### Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Summer

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

3.3 Grading - 2026

### **Mitigated Construction On-Site**

	ROG	NOx	СО	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/d	day							lb/c	lay		
Fugitive Dust					4.1416	0.0000	4.1416	1.6442	0.0000	1.6442			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621	 	1.1309	1.1309		1.0404	1.0404	0.0000	6,008.281 4	6,008.281 4	1.9432		6,056.861 4
Total	2.9012	27.9429	26.3311	0.0621	4.1416	1.1309	5.2725	1.6442	1.0404	2.6846	0.0000	6,008.281 4	6,008.281 4	1.9432		6,056.861 4

### **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/d	day							lb/d	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	4.3400e- 003	0.1668	0.0586	7.7000e- 004	0.0271	1.0400e- 003	0.0281	7.8000e- 003	9.9000e- 004	8.7900e- 003		83.5919	83.5919	2.8800e- 003	0.0121	87.2672
Worker	0.0457	0.0252	0.3949	1.3100e- 003	0.1643	7.6000e- 004	0.1651	0.0436	7.0000e- 004	0.0443		132.7794	132.7794	3.0200e- 003	3.0300e- 003	133.7588
Total	0.0500	0.1920	0.4535	2.0800e- 003	0.1914	1.8000e- 003	0.1932	0.0514	1.6900e- 003	0.0531		216.3713	216.3713	5.9000e- 003	0.0151	221.0260

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### Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Summer

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

# 3.4 Building Construction - 2026 <u>Unmitigated Construction On-Site</u>

	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/d	day							lb/c	day		
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

### **Unmitigated Construction Off-Site**

	ROG	NOx	СО	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/d	day							lb/d	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	0.0803	3.0861	1.0842	0.0143	0.5012	0.0192	0.5204	0.1443	0.0184	0.1627		1,546.449 7	1,546.449 7	0.0533	0.2237	1,614.442 6
Worker	0.7396	0.4084	6.3968	0.0213	2.6616	0.0123	2.6739	0.7060	0.0114	0.7173		2,151.025 9	2,151.025 9	0.0489	0.0491	2,166.892 5
Total	0.8198	3.4945	7.4811	0.0355	3.1628	0.0316	3.1943	0.8503	0.0297	0.8800		3,697.475 6	3,697.475 6	0.1022	0.2728	3,781.335 1

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### Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Summer

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

# 3.4 Building Construction - 2026

### **Mitigated Construction On-Site**

	ROG	NOx	СО	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/d	day							lb/d	lay		
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

### **Mitigated Construction Off-Site**

	ROG	NOx	СО	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/d	day							lb/d	lay		
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	0.0803	3.0861	1.0842	0.0143	0.5012	0.0192	0.5204	0.1443	0.0184	0.1627		1,546.449 7	1,546.449 7	0.0533	0.2237	1,614.442 6
Worker	0.7396	0.4084	6.3968	0.0213	2.6616	0.0123	2.6739	0.7060	0.0114	0.7173		2,151.025 9	2,151.025 9	0.0489	0.0491	2,166.892 5
Total	0.8198	3.4945	7.4811	0.0355	3.1628	0.0316	3.1943	0.8503	0.0297	0.8800		3,697.475 6	3,697.475 6	0.1022	0.2728	3,781.335 1

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### Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Summer

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

# 3.4 Building Construction - 2027 <u>Unmitigated Construction On-Site</u>

	ROG	NOx	СО	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/d	day							lb/c	lay		
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

### **Unmitigated Construction Off-Site**

	ROG	NOx	СО	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/d	day							lb/d	lay		
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	0.0784	3.0532	1.0734	0.0140	0.5012	0.0191	0.5202	0.1443	0.0182	0.1625		1,514.458 2	1,514.458 2	0.0545	0.2190	1,581.090 1
Worker	0.6990	0.3749	6.0567	0.0207	2.6616	0.0116	2.6732	0.7060	0.0107	0.7167		2,088.295 0	2,088.295 0	0.0449	0.0467	2,103.342 4
Total	0.7774	3.4281	7.1301	0.0346	3.1628	0.0307	3.1934	0.8503	0.0289	0.8792		3,602.753 2	3,602.753 2	0.0994	0.2658	3,684.432 6

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### Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Summer

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

# 3.4 Building Construction - 2027

### **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/d	day							lb/d	lay		
	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276	1 1 1	0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

### **Mitigated Construction Off-Site**

	ROG	NOx	СО	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/d	day							lb/d	lay		
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	0.0784	3.0532	1.0734	0.0140	0.5012	0.0191	0.5202	0.1443	0.0182	0.1625		1,514.458 2	1,514.458 2	0.0545	0.2190	1,581.090 1
Worker	0.6990	0.3749	6.0567	0.0207	2.6616	0.0116	2.6732	0.7060	0.0107	0.7167		2,088.295 0	2,088.295 0	0.0449	0.0467	2,103.342 4
Total	0.7774	3.4281	7.1301	0.0346	3.1628	0.0307	3.1934	0.8503	0.0289	0.8792		3,602.753 2	3,602.753	0.0994	0.2658	3,684.432 6

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### Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Summer

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

3.5 Paving - 2027
<u>Unmitigated Construction On-Site</u>

	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/d	day							lb/d	day		
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.7611		]			0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.6763	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745	0.7137		2,224.587 8

### **Unmitigated Construction Off-Site**

	ROG	NOx	СО	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/d	day							lb/d	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
1	4.2400e- 003	0.1650	0.0580	7.5000e- 004	0.0271	1.0300e- 003	0.0281	7.8000e- 003	9.8000e- 004	8.7800e- 003		81.8626	81.8626	2.9400e- 003	0.0118	85.4643
Worker	0.0345	0.0185	0.2991	1.0200e- 003	0.1314	5.7000e- 004	0.1320	0.0349	5.3000e- 004	0.0354		103.1257	103.1257	2.2200e- 003	2.3100e- 003	103.8688
Total	0.0388	0.1836	0.3571	1.7700e- 003	0.1585	1.6000e- 003	0.1601	0.0427	1.5100e- 003	0.0442		184.9883	184.9883	5.1600e- 003	0.0142	189.3331

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### Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Summer

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

3.5 Paving - 2027

<u>Mitigated Construction On-Site</u>

	ROG	NOx	СО	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/d	day							lb/d	day		
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.7611		1			0.0000	0.0000		0.0000	0.0000		i i	0.0000			0.0000
Total	1.6763	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8

### **Mitigated Construction Off-Site**

	ROG	NOx	СО	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/d	day							lb/d	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	4.2400e- 003	0.1650	0.0580	7.5000e- 004	0.0271	1.0300e- 003	0.0281	7.8000e- 003	9.8000e- 004	8.7800e- 003		81.8626	81.8626	2.9400e- 003	0.0118	85.4643
Worker	0.0345	0.0185	0.2991	1.0200e- 003	0.1314	5.7000e- 004	0.1320	0.0349	5.3000e- 004	0.0354		103.1257	103.1257	2.2200e- 003	2.3100e- 003	103.8688
Total	0.0388	0.1836	0.3571	1.7700e- 003	0.1585	1.6000e- 003	0.1601	0.0427	1.5100e- 003	0.0442		184.9883	184.9883	5.1600e- 003	0.0142	189.3331

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### Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Summer

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

# 3.6 Architectural Coating - 2027 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/d	day							lb/d	day		
Archit. Coating	125.9150					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e- 003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	126.0859	1.1455	1.8091	2.9700e- 003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

### **Unmitigated Construction Off-Site**

	ROG	NOx	СО	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/d	day							lb/d	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	4.2400e- 003	0.1650	0.0580	7.5000e- 004	0.0271	1.0300e- 003	0.0281	7.8000e- 003	9.8000e- 004	8.7800e- 003		81.8626	81.8626	2.9400e- 003	0.0118	85.4643
Worker	0.1424	0.0764	1.2338	4.2100e- 003	0.5422	2.3600e- 003	0.5445	0.1438	2.1800e- 003	0.1460		425.3934	425.3934	9.1400e- 003	9.5200e- 003	428.4587
Total	0.1466	0.2414	1.2918	4.9600e- 003	0.5693	3.3900e- 003	0.5727	0.1516	3.1600e- 003	0.1548		507.2560	507.2560	0.0121	0.0214	513.9230

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### Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Summer

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

# 3.6 Architectural Coating - 2027 Mitigated Construction On-Site

	ROG	NOx	СО	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/d	day							lb/c	day		
Archit. Coating	125.9150					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e- 003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	126.0859	1.1455	1.8091	2.9700e- 003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

### **Mitigated Construction Off-Site**

	ROG	NOx	СО	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	4.2400e- 003	0.1650	0.0580	7.5000e- 004	0.0271	1.0300e- 003	0.0281	7.8000e- 003	9.8000e- 004	8.7800e- 003		81.8626	81.8626	2.9400e- 003	0.0118	85.4643		
Worker	0.1424	0.0764	1.2338	4.2100e- 003	0.5422	2.3600e- 003	0.5445	0.1438	2.1800e- 003	0.1460		425.3934	425.3934	9.1400e- 003	9.5200e- 003	428.4587		
Total	0.1466	0.2414	1.2918	4.9600e- 003	0.5693	3.3900e- 003	0.5727	0.1516	3.1600e- 003	0.1548		507.2560	507.2560	0.0121	0.0214	513.9230		

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### Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Summer

### 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	СО	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/c	day		
Mitigated	4.6202	4.4468	41.2685	0.0932	10.7823	0.0673	10.8496	2.8721	0.0628	2.9348		9,502.975 0	9,502.975 0	0.6296	0.3969	9,636.983 5
Unmitigated	4.6202	4.4468	41.2685	0.0932	10.7823	0.0673	10.8496	2.8721	0.0628	2.9348		9,502.975 0	9,502.975 0	0.6296	0.3969	9,636.983 5

### **4.2 Trip Summary Information**

	Avei	age Daily Trip Ra	ate	Unmitigated	Mitigated
Land Use	Weekday Saturday Sunday		Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	912.00	912.00	912.00	2,604,037	2,604,037
Condo/Townhouse High Rise	882.00	882.00	882.00	2,518,378	2,518,378
Parking Lot	0.00	0.00	0.00		
Total	1,794.00	1,794.00	1,794.00	5,122,414	5,122,414

### **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			
Apartments Mid Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3			
Condo/Townhouse High Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3			
Parking Lot	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	МН
Apartments Mid Rise	0.568480	0.062094	0.174123	0.115064	0.023357	0.006399	0.009361	0.006325	0.000693	0.000596	0.028205	0.000919	0.004383
Condo/Townhouse High Rise	0.568480	0.062094	0.174123	0.115064	0.023357	0.006399	0.009361	0.006325	0.000693	0.000596	0.028205	0.000919	0.004383
Parking Lot	0.568480	0.062094	0.174123	0.115064	0.023357	0.006399	0.009361	0.006325	0.000693	0.000596	0.028205	0.000919	0.004383

### 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/d	day							lb/c	lay		
NaturalGas Mitigated	0.0643	0.5493	0.2337	3.5100e- 003		0.0444	0.0444		0.0444	0.0444		701.2213	701.2213	0.0134	0.0129	705.3883
NaturalGas Unmitigated	0.0643	0.5493	0.2337	3.5100e- 003		0.0444	0.0444		0.0444	0.0444		701.2213	701.2213	0.0134	0.0129	705.3883

#### Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Summer

#### 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**

	NaturalGa s Use	ROG	NOx	СО	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/d	day							lb/d	day		
Apartments Mid Rise	3030.03	0.0327	0.2792	0.1188	1.7800e- 003		0.0226	0.0226		0.0226	0.0226		356.4737	356.4737	6.8300e- 003	6.5400e- 003	358.5920
Condo/Townhous e High Rise	2930.35	0.0316	0.2701	0.1149	1.7200e- 003		0.0218	0.0218	 	0.0218	0.0218		344.7476	344.7476	6.6100e- 003	6.3200e- 003	346.7962
Parking Lot	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		0.0643	0.5493	0.2337	3.5000e- 003		0.0444	0.0444		0.0444	0.0444		701.2213	701.2213	0.0134	0.0129	705.3883

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Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Summer

#### 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**

	NaturalGa s 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/d	day							lb/d	lay		
Apartments Mid Rise	3.03003	0.0327	0.2792	0.1188	1.7800e- 003		0.0226	0.0226		0.0226	0.0226		356.4737	356.4737	6.8300e- 003	6.5400e- 003	358.5920
Condo/Townhous e High Rise	2.93035	0.0316	0.2701	0.1149	1.7200e- 003		0.0218	0.0218		0.0218	0.0218		344.7476	344.7476	6.6100e- 003	6.3200e- 003	346.7962
Parking Lot	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		0.0643	0.5493	0.2337	3.5000e- 003		0.0444	0.0444		0.0444	0.0444		701.2213	701.2213	0.0134	0.0129	705.3883

## 6.0 Area Detail

# **6.1 Mitigation Measures Area**

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use only Natural Gas Hearths

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## Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Summer

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

	ROG	NOx	СО	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/d	day							lb/d	lay		
Mitigated	8.5065	5.2444	26.8209	0.0330		0.5380	0.5380		0.5380	0.5380	0.0000	6,376.323 2	6,376.323 2	0.1643	0.1161	6,415.022 3
Unmitigated	8.5065	5.2444	26.8209	0.0330		0.5380	0.5380		0.5380	0.5380	0.0000	6,376.323 2	6,376.323 2	0.1643	0.1161	6,415.022 3

# 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/d	day							lb/d	lay		
Architectural Coating	0.6900					0.0000	0.0000	1 1 1	0.0000	0.0000			0.0000			0.0000
Consumer Products	6.4901				 	0.0000	0.0000	       	0.0000	0.0000			0.0000		       	0.0000
Hearth	0.5804	4.9599	2.1106	0.0317		0.4010	0.4010	       	0.4010	0.4010	0.0000	6,331.764 7	6,331.764 7	0.1214	0.1161	6,369.391 2
Landscaping	0.7460	0.2845	24.7103	1.3100e- 003		0.1370	0.1370		0.1370	0.1370		44.5585	44.5585	0.0429		45.6311
Total	8.5065	5.2444	26.8209	0.0330		0.5380	0.5380		0.5380	0.5380	0.0000	6,376.323 2	6,376.323	0.1643	0.1161	6,415.022 3

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#### Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Summer

#### 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	СО	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/d	day							lb/d	lay		
Architectural Coating	0.6900					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	6.4901					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.5804	4.9599	2.1106	0.0317		0.4010	0.4010		0.4010	0.4010	0.0000	6,331.764 7	6,331.764 7	0.1214	0.1161	6,369.391 2
Landscaping	0.7460	0.2845	24.7103	1.3100e- 003		0.1370	0.1370	       	0.1370	0.1370		44.5585	44.5585	0.0429		45.6311
Total	8.5065	5.2444	26.8209	0.0330		0.5380	0.5380		0.5380	0.5380	0.0000	6,376.323 2	6,376.323 2	0.1643	0.1161	6,415.022 3

# 7.0 Water Detail

# 7.1 Mitigation Measures Water

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Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Summer

# 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**

# 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

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Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Winter

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

# **Reduced Pacific Specific Plan Project Alternative**

San Diego County APCD Air District, Winter

#### 1.0 Project Characteristics

#### 1.1 Land Usage

Urbanization

(lb/MWhr)

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	646.00	Space	5.81	258,400.00	0
Apartments Mid Rise	152.00	Dwelling Unit	4.00	152,000.00	435
Condo/Townhouse High Rise	147.00	Dwelling Unit	2.30	147,000.00	420

Precipitation Freq (Days)

(lb/MWhr)

40

#### 1.2 Other Project Characteristics

Urban

Climate Zone	13			Operational Year	2027
Utility Company	San Diego Gas & Elec	ctric			
CO2 Intensity	539.98	CH4 Intensity	0.033	N2O Intensity	0.004

2.6

Wind Speed (m/s)

(lb/MWhr)

#### 1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on site plan.

Construction Phase - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

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#### Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Winter

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

Off-road Equipment - CalEEMod defaults.

Trips and VMT - CalEEMod defaults. Odd trips were rounded up to account for whole round trips.

On-road Fugitive Dust - CalEEMod defaults.

Grading - CalEEMod defaults.

Architectural Coating - In accordance with SDAPCD Rule 67.0.1.

Vehicle Trips - Based on TIA.

Woodstoves - Natural gas fireplaces in all units.

Consumer Products - CalEEMod defaults.

Area Coating - In accordance with SDAPCD Rule 67.0.1.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

Construction Off-road Equipment Mitigation - In accordance with SDAPCD Rule 55.

Area Mitigation - In accordance with SDAPCD Rule 67.0.1. No wood burning fireplaces.

**Energy Mitigation -**

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	50
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00

#### Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Winter

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

tblFireplaces	NumberGas	83.60	152.00
tblFireplaces	NumberGas	80.85	147.00
tblFireplaces	NumberNoFireplace	15.20	0.00
tblFireplaces	NumberNoFireplace	14.70	0.00
tblFireplaces	NumberWood	53.20	0.00
tblFireplaces	NumberWood	51.45	0.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	65.00	66.00
tblVehicleTrips	ST_TR	4.91	6.00
tblVehicleTrips	ST_TR	4.91	6.00
tblVehicleTrips	SU_TR	4.09	6.00
tblVehicleTrips	SU_TR	4.09	6.00
tblVehicleTrips	WD_TR	5.44	6.00
tblVehicleTrips	WD_TR	5.44	6.00
tblWoodstoves	NumberCatalytic	7.60	0.00
tblWoodstoves	NumberCatalytic	7.35	0.00
tblWoodstoves	NumberNoncatalytic	7.60	0.00
tblWoodstoves	NumberNoncatalytic	7.35	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

# 2.0 Emissions Summary

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#### Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Winter

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

# 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/d	day							lb/c	day		
2026	2.9553	28.1451	26.7685	0.0641	19.8320	1.1327	20.9205	10.1495	1.0421	11.1510	0.0000	6,217.523 6	6,217.523 6	1.9493	0.2773	6,270.844 8
2027	126.2458	16.0744	22.9796	0.0605	3.1628	0.5583	3.7211	0.8503	0.5252	1.3755	0.0000	6,047.558 3	6,047.558 3	0.7190	0.2700	6,145.611 7
Maximum	126.2458	28.1451	26.7685	0.0641	19.8320	1.1327	20.9205	10.1495	1.0421	11.1510	0.0000	6,217.523 6	6,217.523 6	1.9493	0.2773	6,270.844 8

#### **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/c	lay		
2026	2.9553	28.1451	26.7685	0.0641	9.0206	1.1327	10.1091	4.5931	1.0421	5.5946	0.0000	6,217.523 6	6,217.523 6	1.9493	0.2773	6,270.844 8
2027	126.2458	16.0744	22.9796	0.0605	3.1628	0.5583	3.7211	0.8503	0.5252	1.3755	0.0000	6,047.558 3	6,047.558 3	0.7190	0.2700	6,145.611 7
Maximum	126.2458	28.1451	26.7685	0.0641	9.0206	1.1327	10.1091	4.5931	1.0421	5.5946	0.0000	6,217.523 6	6,217.523 6	1.9493	0.2773	6,270.844 8

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## Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Winter

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

	ROG	NOx	СО	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	47.02	0.00	43.87	50.51	0.00	44.36	0.00	0.00	0.00	0.00	0.00	0.00

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#### Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, 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	СО	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/d	day							lb/c	lay		
Area	8.5065	5.2444	26.8209	0.0330		0.5380	0.5380		0.5380	0.5380	0.0000	6,376.323 2	6,376.323 2	0.1643	0.1161	6,415.022 3
Energy	0.0643	0.5493	0.2337	3.5100e- 003		0.0444	0.0444		0.0444	0.0444		701.2213	701.2213	0.0134	0.0129	705.3883
Mobile	4.4997	4.8151	42.4302	0.0892	10.7823	0.0673	10.8497	2.8721	0.0628	2.9348		9,094.487 2	9,094.487 2	0.6632	0.4173	9,235.409 8
Total	13.0704	10.6087	69.4848	0.1256	10.7823	0.6497	11.4321	2.8721	0.6452	3.5172	0.0000	16,172.03 17	16,172.03 17	0.8409	0.5462	16,355.82 04

#### **Mitigated Operational**

	ROG	NOx	СО	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/d	day							lb/d	lay		
Area	8.5065	5.2444	26.8209	0.0330		0.5380	0.5380		0.5380	0.5380	0.0000	6,376.323 2	6,376.323 2	0.1643	0.1161	6,415.022 3
Energy	0.0643	0.5493	0.2337	3.5100e- 003		0.0444	0.0444		0.0444	0.0444		701.2213	701.2213	0.0134	0.0129	705.3883
Mobile	4.4997	4.8151	42.4302	0.0892	10.7823	0.0673	10.8497	2.8721	0.0628	2.9348		9,094.487 2	9,094.487 2	0.6632	0.4173	9,235.409 8
Total	13.0704	10.6087	69.4848	0.1256	10.7823	0.6497	11.4321	2.8721	0.6452	3.5172	0.0000	16,172.03 17	16,172.03 17	0.8409	0.5462	16,355.82 04

#### Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Winter

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

	ROG	NOx	СО	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	Site Preparation	Site Preparation	6/1/2026	6/12/2026	5	10	
2	Grading	Grading	6/13/2026	7/24/2026	5	30	
3	Building Construction	Building Construction	7/25/2026	9/17/2027	5	300	
4	Paving	Paving	9/18/2027	10/15/2027	5	20	
5	Architectural Coating	Architectural Coating	10/16/2027	11/12/2027	5	20	

Acres of Grading (Site Preparation Phase): 15

Acres of Grading (Grading Phase): 90

Acres of Paving: 5.81

Residential Indoor: 605,475; Residential Outdoor: 201,825; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 15,504 (Architectural Coating – sqft)

#### **OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48

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#### Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Winter

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

Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
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
Site Preparation	7	18.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	324.00	74.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	16.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	66.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

# **3.1 Mitigation Measures Construction**

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

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#### Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Winter

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

# 3.2 Site Preparation - 2026

#### **Unmitigated Construction On-Site**

	ROG	NOx	СО	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/d	day		
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999		3,689.103 7	3,689.103 7	1.1931		3,718.932 0
Total	2.4727	25.2339	17.9118	0.0381	19.6570	1.0868	20.7438	10.1025	0.9999	11.1023		3,689.103 7	3,689.103 7	1.1931		3,718.932 0

#### **Unmitigated Construction Off-Site**

	ROG	NOx	СО	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/d	day							lb/d	lay		
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	4.1800e- 003	0.1739	0.0604	7.7000e- 004	0.0271	1.0400e- 003	0.0281	7.8000e- 003	1.0000e- 003	8.8000e- 003		83.7197	83.7197	2.8700e- 003	0.0121	87.4030
Worker	0.0449	0.0255	0.3393	1.1200e- 003	0.1479	6.9000e- 004	0.1486	0.0392	6.3000e- 004	0.0399		112.9703	112.9703	2.9100e- 003	2.9500e- 003	113.9224
Total	0.0491	0.1994	0.3997	1.8900e- 003	0.1750	1.7300e- 003	0.1767	0.0470	1.6300e- 003	0.0487		196.6899	196.6899	5.7800e- 003	0.0151	201.3253

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#### Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Winter

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

# 3.2 Site Preparation - 2026

# **Mitigated Construction On-Site**

	ROG	NOx	СО	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/d	day							lb/d	day		
Fugitive Dust					8.8457	0.0000	8.8457	4.5461	0.0000	4.5461			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999	0.0000	3,689.103 7	3,689.103 7	1.1931	       	3,718.932 0
Total	2.4727	25.2339	17.9118	0.0381	8.8457	1.0868	9.9324	4.5461	0.9999	5.5460	0.0000	3,689.103 7	3,689.103 7	1.1931		3,718.932 0

#### **Mitigated Construction Off-Site**

	ROG	NOx	СО	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/d	day							lb/d	lay		
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	4.1800e- 003	0.1739	0.0604	7.7000e- 004	0.0271	1.0400e- 003	0.0281	7.8000e- 003	1.0000e- 003	8.8000e- 003		83.7197	83.7197	2.8700e- 003	0.0121	87.4030
Worker	0.0449	0.0255	0.3393	1.1200e- 003	0.1479	6.9000e- 004	0.1486	0.0392	6.3000e- 004	0.0399		112.9703	112.9703	2.9100e- 003	2.9500e- 003	113.9224
Total	0.0491	0.1994	0.3997	1.8900e- 003	0.1750	1.7300e- 003	0.1767	0.0470	1.6300e- 003	0.0487		196.6899	196.6899	5.7800e- 003	0.0151	201.3253

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#### Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Winter

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

3.3 Grading - 2026
Unmitigated Construction On-Site

	ROG	NOx	СО	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/d	day							lb/d	day		
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.281 4	6,008.281 4	1.9432	       	6,056.861 4
Total	2.9012	27.9429	26.3311	0.0621	9.2036	1.1309	10.3345	3.6538	1.0404	4.6942		6,008.281 4	6,008.281	1.9432		6,056.861 4

#### **Unmitigated Construction Off-Site**

	ROG	NOx	СО	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/d	day							lb/d	lay		
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	4.1800e- 003	0.1739	0.0604	7.7000e- 004	0.0271	1.0400e- 003	0.0281	7.8000e- 003	1.0000e- 003	8.8000e- 003		83.7197	83.7197	2.8700e- 003	0.0121	87.4030
Worker	0.0499	0.0284	0.3770	1.2400e- 003	0.1643	7.6000e- 004	0.1651	0.0436	7.0000e- 004	0.0443		125.5225	125.5225	3.2300e- 003	3.2800e- 003	126.5804
Total	0.0540	0.2023	0.4374	2.0100e- 003	0.1914	1.8000e- 003	0.1932	0.0514	1.7000e- 003	0.0531		209.2422	209.2422	6.1000e- 003	0.0154	213.9834

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#### Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Winter

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

3.3 Grading - 2026

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/d	day							lb/c	day		
Fugitive Dust	11 11 11		i i		4.1416	0.0000	4.1416	1.6442	0.0000	1.6442			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621	 	1.1309	1.1309	i i	1.0404	1.0404	0.0000	6,008.281 4	6,008.281 4	1.9432	 	6,056.861 4
Total	2.9012	27.9429	26.3311	0.0621	4.1416	1.1309	5.2725	1.6442	1.0404	2.6846	0.0000	6,008.281 4	6,008.281 4	1.9432		6,056.861 4

#### **Mitigated Construction Off-Site**

	ROG	NOx	СО	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/d	day							lb/d	lay		
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
1	4.1800e- 003	0.1739	0.0604	7.7000e- 004	0.0271	1.0400e- 003	0.0281	7.8000e- 003	1.0000e- 003	8.8000e- 003		83.7197	83.7197	2.8700e- 003	0.0121	87.4030
Worker	0.0499	0.0284	0.3770	1.2400e- 003	0.1643	7.6000e- 004	0.1651	0.0436	7.0000e- 004	0.0443		125.5225	125.5225	3.2300e- 003	3.2800e- 003	126.5804
Total	0.0540	0.2023	0.4374	2.0100e- 003	0.1914	1.8000e- 003	0.1932	0.0514	1.7000e- 003	0.0531		209.2422	209.2422	6.1000e- 003	0.0154	213.9834

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#### Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Winter

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

# 3.4 Building Construction - 2026

**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/d	day							lb/d	lay		
	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

# **Unmitigated Construction Off-Site**

	ROG	NOx	СО	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/d	day							lb/d	lay		
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	0.0774	3.2171	1.1180	0.0143	0.5012	0.0193	0.5205	0.1443	0.0184	0.1627		1,548.814 3	1,548.814 3	0.0530	0.2242	1,616.955 0
Worker	0.8078	0.4592	6.1069	0.0201	2.6616	0.0123	2.6739	0.7060	0.0114	0.7173		2,033.464 5	2,033.464 5	0.0523	0.0531	2,050.602 3
Total	0.8852	3.6763	7.2250	0.0344	3.1628	0.0316	3.1944	0.8503	0.0298	0.8801		3,582.278 7	3,582.278 7	0.1054	0.2773	3,667.557 4

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#### Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Winter

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

# 3.4 Building Construction - 2026

#### **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/d	day							lb/d	lay		
	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276	 	0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

# **Mitigated Construction Off-Site**

	ROG	NOx	СО	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/d	day							lb/d	lay		
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	0.0774	3.2171	1.1180	0.0143	0.5012	0.0193	0.5205	0.1443	0.0184	0.1627		1,548.814 3	1,548.814 3	0.0530	0.2242	1,616.955 0
Worker	0.8078	0.4592	6.1069	0.0201	2.6616	0.0123	2.6739	0.7060	0.0114	0.7173		2,033.464 5	2,033.464 5	0.0523	0.0531	2,050.602 3
Total	0.8852	3.6763	7.2250	0.0344	3.1628	0.0316	3.1944	0.8503	0.0298	0.8801		3,582.278 7	3,582.278 7	0.1054	0.2773	3,667.557 4

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#### Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Winter

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

# 3.4 Building Construction - 2027 <u>Unmitigated Construction On-Site</u>

	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/d	day							lb/d	lay		
	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

#### **Unmitigated Construction Off-Site**

	ROG	NOx	СО	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/d	day							lb/d	lay		
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	0.0755	3.1832	1.1068	0.0140	0.5012	0.0191	0.5203	0.1443	0.0183	0.1626		1,516.818 6	1,516.818 6	0.0542	0.2195	1,583.595 5
Worker	0.7651	0.4215	5.7881	0.0195	2.6616	0.0116	2.6732	0.7060	0.0107	0.7167		1,974.265 4	1,974.265 4	0.0481	0.0505	1,990.518 2
Total	0.8406	3.6048	6.8949	0.0335	3.1628	0.0307	3.1935	0.8503	0.0290	0.8792		3,491.084 0	3,491.084 0	0.1024	0.2700	3,574.113 7

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#### Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Winter

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

# 3.4 Building Construction - 2027

#### **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/d	day							lb/d	lay		
	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

# **Mitigated Construction Off-Site**

	ROG	NOx	СО	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/d	day							lb/d	lay		
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	0.0755	3.1832	1.1068	0.0140	0.5012	0.0191	0.5203	0.1443	0.0183	0.1626		1,516.818 6	1,516.818 6	0.0542	0.2195	1,583.595 5
Worker	0.7651	0.4215	5.7881	0.0195	2.6616	0.0116	2.6732	0.7060	0.0107	0.7167		1,974.265 4	1,974.265 4	0.0481	0.0505	1,990.518 2
Total	0.8406	3.6048	6.8949	0.0335	3.1628	0.0307	3.1935	0.8503	0.0290	0.8792		3,491.084 0	3,491.084 0	0.1024	0.2700	3,574.113 7

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#### Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Winter

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

3.5 Paving - 2027
<u>Unmitigated Construction On-Site</u>

	ROG	NOx	СО	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/d	day							lb/d	day		
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.7611					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.6763	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8

#### **Unmitigated Construction Off-Site**

	ROG	NOx	СО	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/o	day							lb/d	lay		
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
1	4.0800e- 003	0.1721	0.0598	7.6000e- 004	0.0271	1.0300e- 003	0.0281	7.8000e- 003	9.9000e- 004	8.7900e- 003		81.9902	81.9902	2.9300e- 003	0.0119	85.5998
Worker	0.0378	0.0208	0.2858	9.6000e- 004	0.1314	5.7000e- 004	0.1320	0.0349	5.3000e- 004	0.0354		97.4946	97.4946	2.3800e- 003	2.4900e- 003	98.2972
Total	0.0419	0.1929	0.3457	1.7200e- 003	0.1585	1.6000e- 003	0.1601	0.0427	1.5200e- 003	0.0442		179.4848	179.4848	5.3100e- 003	0.0144	183.8970

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#### Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Winter

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

3.5 Paving - 2027

<u>Mitigated Construction On-Site</u>

	ROG	NOx	СО	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/d	day							lb/d	day		
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.7611		1			0.0000	0.0000		0.0000	0.0000		i i	0.0000			0.0000
Total	1.6763	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8

#### **Mitigated Construction Off-Site**

	ROG	NOx	СО	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/d	day							lb/d	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
1	4.0800e- 003	0.1721	0.0598	7.6000e- 004	0.0271	1.0300e- 003	0.0281	7.8000e- 003	9.9000e- 004	8.7900e- 003		81.9902	81.9902	2.9300e- 003	0.0119	85.5998
Worker	0.0378	0.0208	0.2858	9.6000e- 004	0.1314	5.7000e- 004	0.1320	0.0349	5.3000e- 004	0.0354		97.4946	97.4946	2.3800e- 003	2.4900e- 003	98.2972
Total	0.0419	0.1929	0.3457	1.7200e- 003	0.1585	1.6000e- 003	0.1601	0.0427	1.5200e- 003	0.0442		179.4848	179.4848	5.3100e- 003	0.0144	183.8970

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#### Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Winter

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

# 3.6 Architectural Coating - 2027 Unmitigated Construction On-Site

	ROG	NOx	СО	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/d	day							lb/d	lay		
Archit. Coating	125.9150					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e- 003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154	       	281.8319
Total	126.0859	1.1455	1.8091	2.9700e- 003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

#### **Unmitigated Construction Off-Site**

	ROG	NOx	СО	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/d	day							lb/d	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	4.0800e- 003	0.1721	0.0598	7.6000e- 004	0.0271	1.0300e- 003	0.0281	7.8000e- 003	9.9000e- 004	8.7900e- 003		81.9902	81.9902	2.9300e- 003	0.0119	85.5998
Worker	0.1559	0.0859	1.1791	3.9800e- 003	0.5422	2.3600e- 003	0.5445	0.1438	2.1800e- 003	0.1460		402.1652	402.1652	9.8100e- 003	0.0103	405.4759
Total	0.1599	0.2579	1.2389	4.7400e- 003	0.5693	3.3900e- 003	0.5727	0.1516	3.1700e- 003	0.1548		484.1554	484.1554	0.0127	0.0222	491.0757

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#### Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Winter

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

# 3.6 Architectural Coating - 2027 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/d	day							lb/d	lay		
Archit. Coating	125.9150					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e- 003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	126.0859	1.1455	1.8091	2.9700e- 003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

#### **Mitigated Construction Off-Site**

	ROG	NOx	СО	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/d	day							lb/d	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	4.0800e- 003	0.1721	0.0598	7.6000e- 004	0.0271	1.0300e- 003	0.0281	7.8000e- 003	9.9000e- 004	8.7900e- 003		81.9902	81.9902	2.9300e- 003	0.0119	85.5998
Worker	0.1559	0.0859	1.1791	3.9800e- 003	0.5422	2.3600e- 003	0.5445	0.1438	2.1800e- 003	0.1460		402.1652	402.1652	9.8100e- 003	0.0103	405.4759
Total	0.1599	0.2579	1.2389	4.7400e- 003	0.5693	3.3900e- 003	0.5727	0.1516	3.1700e- 003	0.1548		484.1554	484.1554	0.0127	0.0222	491.0757

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#### Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Winter

#### 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					lb/d				lb/c	lay						
Mitigated	4.4997	4.8151	42.4302	0.0892	10.7823	0.0673	10.8497	2.8721	0.0628	2.9348		9,094.487 2	9,094.487 2	0.6632	0.4173	9,235.409 8
Unmitigated	4.4997	4.8151	42.4302	0.0892	10.7823	0.0673	10.8497	2.8721	0.0628	2.9348		9,094.487 2	9,094.487 2	0.6632	0.4173	9,235.409 8

## **4.2 Trip Summary Information**

	Avei	age Daily Trip Ra	ite	Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	912.00	912.00	912.00	2,604,037	2,604,037
Condo/Townhouse High Rise	882.00	882.00	882.00	2,518,378	2,518,378
Parking Lot	0.00	0.00	0.00		
Total	1,794.00	1,794.00	1,794.00	5,122,414	5,122,414

# **4.3 Trip Type Information**

		Miles			Trip %			Trip Purpos	e %
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
Apartments Mid Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
Condo/Townhouse High Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

#### Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Winter

#### 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	МН
Apartments Mid Rise	0.568480	0.062094	0.174123	0.115064	0.023357	0.006399	0.009361	0.006325	0.000693	0.000596	0.028205	0.000919	0.004383
Condo/Townhouse High Rise	0.568480	0.062094	0.174123	0.115064	0.023357	0.006399	0.009361	0.006325	0.000693	0.000596	0.028205	0.000919	0.004383
Parking Lot	0.568480	0.062094	0.174123	0.115064	0.023357	0.006399	0.009361	0.006325	0.000693	0.000596	0.028205	0.000919	0.004383

# 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/d	day							lb/d	day		
NaturalGas Mitigated	0.0643	0.5493	0.2337	3.5100e- 003		0.0444	0.0444		0.0444	0.0444		701.2213	701.2213	0.0134	0.0129	705.3883
Unmitigated	0.0643	0.5493	0.2337	3.5100e- 003		0.0444	0.0444	1 1	0.0444	0.0444		701.2213	701.2213	0.0134	0.0129	705.3883

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#### Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, 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**

	NaturalGa s Use	ROG	NOx	СО	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															
Apartments Mid Rise	3030.03	0.0327	0.2792	0.1188	1.7800e- 003		0.0226	0.0226		0.0226	0.0226		356.4737	356.4737	6.8300e- 003	6.5400e- 003	358.5920
Condo/Townhous e High Rise	2930.35	0.0316	0.2701	0.1149	1.7200e- 003		0.0218	0.0218		0.0218	0.0218		344.7476	344.7476	6.6100e- 003	6.3200e- 003	346.7962
Parking Lot	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		0.0643	0.5493	0.2337	3.5000e- 003		0.0444	0.0444		0.0444	0.0444		701.2213	701.2213	0.0134	0.0129	705.3883

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Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, 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

#### **Mitigated**

	NaturalGa s 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/d	day							lb/d	lay		
Apartments Mid Rise	3.03003	0.0327	0.2792	0.1188	1.7800e- 003		0.0226	0.0226		0.0226	0.0226		356.4737	356.4737	6.8300e- 003	6.5400e- 003	358.5920
Condo/Townhous e High Rise	2.93035	0.0316	0.2701	0.1149	1.7200e- 003		0.0218	0.0218		0.0218	0.0218		344.7476	344.7476	6.6100e- 003	6.3200e- 003	346.7962
Parking Lot	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		0.0643	0.5493	0.2337	3.5000e- 003		0.0444	0.0444		0.0444	0.0444		701.2213	701.2213	0.0134	0.0129	705.3883

## 6.0 Area Detail

# **6.1 Mitigation Measures Area**

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use only Natural Gas Hearths

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## Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Winter

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

	ROG	NOx	СО	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/d	day					lb/day					
Mitigated	8.5065	5.2444	26.8209	0.0330		0.5380	0.5380		0.5380	0.5380	0.0000	6,376.323 2	6,376.323 2	0.1643	0.1161	6,415.022 3
Unmitigated	8.5065	5.2444	26.8209	0.0330		0.5380	0.5380		0.5380	0.5380	0.0000	6,376.323 2	6,376.323 2	0.1643	0.1161	6,415.022 3

# 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/d	day							lb/d	day		
Architectural Coating	0.6900					0.0000	0.0000	1 1 1	0.0000	0.0000		i i i	0.0000			0.0000
Consumer Products	6.4901					0.0000	0.0000	       	0.0000	0.0000		!	0.0000			0.0000
Hearth	0.5804	4.9599	2.1106	0.0317		0.4010	0.4010	       	0.4010	0.4010	0.0000	6,331.764 7	6,331.764 7	0.1214	0.1161	6,369.391 2
Landscaping	0.7460	0.2845	24.7103	1.3100e- 003		0.1370	0.1370		0.1370	0.1370		44.5585	44.5585	0.0429		45.6311
Total	8.5065	5.2444	26.8209	0.0330		0.5380	0.5380		0.5380	0.5380	0.0000	6,376.323 2	6,376.323 2	0.1643	0.1161	6,415.022 3

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#### Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Winter

#### 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	СО	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/d	day							lb/c	lay		
Architectural Coating	0.6900					0.0000	0.0000	 	0.0000	0.0000			0.0000			0.0000
Consumer Products	6.4901					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.5804	4.9599	2.1106	0.0317		0.4010	0.4010		0.4010	0.4010	0.0000	6,331.764 7	6,331.764 7	0.1214	0.1161	6,369.391 2
Landscaping	0.7460	0.2845	24.7103	1.3100e- 003		0.1370	0.1370		0.1370	0.1370		44.5585	44.5585	0.0429		45.6311
Total	8.5065	5.2444	26.8209	0.0330		0.5380	0.5380		0.5380	0.5380	0.0000	6,376.323 2	6,376.323 2	0.1643	0.1161	6,415.022 3

# 7.0 Water Detail

# 7.1 Mitigation Measures Water

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Reduced Pacific Specific Plan Project Alternative - San Diego County APCD Air District, Winter

#### 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**

# 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
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#### **Boilers**

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

#### **User Defined Equipment**

Equipment Type	Number
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# 11.0 Vegetation

Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Annual

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

# **Reduced Pacific Specific Plan Project Alternative Mitigated**

San Diego County APCD Air District, Annual

#### 1.0 Project Characteristics

#### 1.1 Land Usage

(lb/MWhr)

Land Uses	Size Metric		Lot Acreage	Floor Surface Area	Population
Parking Lot	658.00	Space	5.92	263,200.00	0
Apartments Mid Rise	152.00	Dwelling Unit	4.00	152,000.00	435
Condo/Townhouse High Rise	152.00	Dwelling Unit	2.38	152,000.00	435

(lb/MWhr)

### 1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2027
Utility Company	San Diego Gas & Electric	;			
CO2 Intensity	539.98	CH4 Intensity	0.033	N2O Intensity	0.004

(lb/MWhr)

#### 1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on site plan.

Construction Phase - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

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#### Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Annual

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

Off-road Equipment - CalEEMod defaults.

Trips and VMT - CalEEMod defaults. Odd trips were rounded up to account for whole round trips.

On-road Fugitive Dust - CalEEMod defaults.

Grading - CalEEMod defaults.

Architectural Coating - MM-AQ-1, 10 g/l VOC contenct for interior, 50 g/l for exterior, 100 g/l for parking.

Vehicle Trips - Based on TIA.

Woodstoves - Natural gas fireplaces in all units.

Consumer Products - CalEEMod defaults.

Area Coating - MM-AQ-1, 10 g/l VOC contenct for interior, 50 g/l for exterior, 100 g/l for parking.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

Construction Off-road Equipment Mitigation - In accordance with SDAPCD Rule 55.

Area Mitigation - MM-AQ-1, 10 g/l VOC contenct for interior, 50 g/l for exterior, 100 g/l for parking. No wood burning fireplaces.

**Energy Mitigation -**

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	10.00
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00

#### Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Annual

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

Interpretation				
Italifripalaces	tblFireplaces	NumberGas	83.60	152.00
tblFireplaces         NumberNorfireplace         15.20         0.00           tblFireplaces         NumberWood         53.20         0.00           tblFireplaces         NumberWood         53.20         0.00           tblTripsAndVMT         VendorTripNumber         0.00         4.00           tblTripsAndVMT         VendorTripNumber         0.00         4.00           tblTripsAndVMT         VendorTripNumber         0.00         4.00           tblTripsAndVMT         VendorTripNumber         0.00         4.00           tblTripsAndVMT         WorkerTripNumber         329.00         330.00           tblTripsAndVMT         WorkerTripNumber         15.00         16.00           tblVehicleTrips         ST_TR         4.91         6.00           tblVehicleTrips         ST_TR         4.91         6.00           tblVehicleTrips         SU_TR         4.09         6.00           tblVehicleTrips         WD_TR         5.44         6.00           tblVehicleTrips         WD_TR         5.44         6.00           tblWoodstoves         NumberCatalytic         7.60         0.00           tblWoodstoves         NumberCatalytic         7.60         0.00           tblWoodstoves <td>tblFireplaces</td> <td>NumberGas</td> <td>83.60</td> <td>152.00</td>	tblFireplaces	NumberGas	83.60	152.00
tblFireplaces         Number/Wood         53.20         0.00           tblFireplaces         Number/Wood         53.20         0.00           tblTripsAndVMT         VendorTripNumber         0.00         4.00           tblTripsAndVMT         VendorTripNumber         0.00         4.00           tblTripsAndVMT         VendorTripNumber         0.00         4.00           tblTripsAndVMT         VendorTripNumber         0.00         4.00           tblTripsAndVMT         WorkerTripNumber         329.00         330.00           tblTripsAndVMT         WorkerTripNumber         15.00         16.00           tblVehicleTrips         ST_TR         4.91         6.00           tblVehicleTrips         ST_TR         4.91         6.00           tblVehicleTrips         SU_TR         4.09         6.00           tblVehicleTrips         WD_TR         5.44         6.00           tblVehicleTrips         WD_TR         5.44         6.00           tblVehicleTrips         WD_TR         5.44         6.00           tblWehicleTrips         WD_TR         5.44         6.00           tblWoodstoves         NumberCatalytic         7.60         0.00           tblWoodstoves         Numb	tblFireplaces	NumberNoFireplace	15.20	0.00
tb Fireplaces         NumberWood         53.20         0.00           tb TripsAndVMT         VendorTripNumber         0.00         4.00           tb TripsAndVMT         WorkerTripNumber         329.00         330.00           tb TripsAndVMT         WorkerTripNumber         15.00         16.00           tb VehicleTrips         ST_TR         4.91         6.00           tb VehicleTrips         ST_TR         4.91         6.00           tb VehicleTrips         SU_TR         4.09         6.00           tb VehicleTrips         SU_TR         4.09         6.00           tb VehicleTrips         WD_TR         5.44         6.00           tb Woodstoves         NumberCatalytic         7.60         0.00           tb Woodstoves         NumberNonc	tblFireplaces	NumberNoFireplace	15.20	0.00
tbTripsAndVMT         VendorTripNumber         0.00         4.00           tbTripsAndVMT         VendorTripNumber         0.00         4.00           tbTripsAndVMT         VendorTripNumber         0.00         4.00           tbTripsAndVMT         VendorTripNumber         0.00         4.00           tbTripsAndVMT         WorkerTripNumber         329.00         330.00           tbTripsAndVMT         WorkerTripNumber         15.00         16.00           tbVehicleTrips         ST_TR         4.91         6.00           tbVehicleTrips         ST_TR         4.91         6.00           tbVehicleTrips         SU_TR         4.09         6.00           tbVehicleTrips         SU_TR         4.09         6.00           tbVehicleTrips         WD_TR         5.44         6.00           tbVehicleTrips         WD_TR         5.44         6.00           tbVehicleTrips         WD_TR         5.44         6.00           tbVehicleTrips         WD_TR         5.44         6.00           tbWoodstoves         NumberCatalytic         7.60         0.00           tbWoodstoves         NumberNoncatalytic         7.60         0.00           tbWoodstoves         WoodstoveDayYear <td>tblFireplaces</td> <td>NumberWood</td> <td>53.20</td> <td>0.00</td>	tblFireplaces	NumberWood	53.20	0.00
tbTripsAndVMT         VendorTripNumber         0.00         4.00           tbTripsAndVMT         VendorTripNumber         0.00         4.00           tbTripsAndVMT         VendorTripNumber         0.00         4.00           tbTripsAndVMT         WorkerTripNumber         329.00         330.00           tbTripsAndVMT         WorkerTripNumber         15.00         16.00           tbVehicleTrips         ST_TR         4.91         6.00           tbIVehicleTrips         ST_TR         4.91         6.00           tbIVehicleTrips         SU_TR         4.09         6.00           tbIVehicleTrips         SU_TR         4.09         6.00           tbIVehicleTrips         WD_TR         5.44         6.00           tbIVehicleTrips         NumberCatalytic         7.60         0.00           tbIWoodstoves         NumberNoncatalytic         7.60         0.00           tbIWoodstoves         WoodstoveDayYear<	tblFireplaces	NumberWood	53.20	0.00
tblTripsAndVMT         VendorTripNumber         0.00         4.00           tblTripsAndVMT         VendorTripNumber         0.00         4.00           tblTripsAndVMT         WorkerTripNumber         329.00         330.00           tblTripsAndVMT         WorkerTripNumber         15.00         16.00           tblVehicleTrips         ST_TR         4.91         6.00           tblVehicleTrips         ST_TR         4.91         6.00           tblVehicleTrips         SU_TR         4.09         6.00           tblVehicleTrips         SU_TR         4.09         6.00           tblVehicleTrips         WD_TR         5.44         6.00           tblVehicleTrips         WD_TR         5.44         6.00           tblWoodstoves         NumberCatalytic         7.60         0.00           tblWoodstoves         NumberNoncatalytic         7.60         0.00           tblWoodstoves         NumberNoncatalytic         7.60         0.00           tblWoodstoves         WoodstoveDayYear         82.00         0.00           tblWoodstoves         WoodstoveDayYear         82.00         0.00           tblWoodstoves         WoodstoveWoodMass         3,019.20         0.00	tblTripsAndVMT	VendorTripNumber	0.00	4.00
tbTripsAndVMT         VendorTripNumber         0.00         4.00           tbTripsAndVMT         WorkerTripNumber         329.00         330.00           tbTripsAndVMT         WorkerTripNumber         15.00         16.00           tbIVehicleTrips         ST_TR         4.91         6.00           tbVehicleTrips         ST_TR         4.91         6.00           tbVehicleTrips         SU_TR         4.09         6.00           tbVehicleTrips         SU_TR         4.09         6.00           tbVehicleTrips         WD_TR         5.44         6.00           tbVehicleTrips         WD_TR         5.44         6.00           tbWoodstoves         NumberCatalytic         7.60         0.00           tbWoodstoves         NumberNoncatalytic         7.60         0.00           tbWoodstoves         NumberNoncatalytic         7.60         0.00           tbWoodstoves         WoodstoveDayYear         82.00         0.00           tbWoodstoves         WoodstoveDayYear         82.00         0.00           tbWoodstoves         WoodstoveWoodMass         3,019.20         0.00	tblTripsAndVMT	VendorTripNumber	0.00	4.00
tbTripsAndVMT         WorkerTripNumber         329.00         330.00           tbTripsAndVMT         WorkerTripNumber         15.00         16.00           tbIVehicleTrips         ST_TR         4.91         6.00           tbIVehicleTrips         ST_TR         4.91         6.00           tbIVehicleTrips         SU_TR         4.09         6.00           tbIVehicleTrips         SU_TR         4.09         6.00           tbIVehicleTrips         WD_TR         5.44         6.00           tbIVehicleTrips         WD_TR         5.44         6.00           tbIWoodstoves         NumberCatalytic         7.60         0.00           tbIWoodstoves         NumberNoncatalytic         7.60         0.00           tbIWoodstoves         NumberNoncatalytic         7.60         0.00           tbIWoodstoves         NumberNoncatalytic         7.60         0.00           tbIWoodstoves         WoodstoveDayYear         82.00         0.00           tbIWoodstoves         WoodstoveDayYear         82.00         0.00           tbIWoodstoves         WoodstoveDayYear         82.00         0.00	tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT         WorkerTripNumber         15.00         16.00           tblVehicleTrips         ST_TR         4.91         6.00           tblVehicleTrips         ST_TR         4.91         6.00           tblVehicleTrips         SU_TR         4.09         6.00           tblVehicleTrips         SU_TR         4.09         6.00           tblVehicleTrips         WD_TR         5.44         6.00           tblVehicleTrips         WD_TR         5.44         6.00           tblWoodstoves         NumberCatalytic         7.60         0.00           tblWoodstoves         NumberCatalytic         7.60         0.00           tblWoodstoves         NumberNoncatalytic         7.60         0.00           tblWoodstoves         WoodstoveDayYear         82.00         0.00           tblWoodstoves         WoodstoveDayYear         82.00         0.00           tblWoodstoves         WoodstoveWoodMass         3,019.20         0.00	tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblVehicleTrips         ST_TR         4.91         6.00           tblVehicleTrips         ST_TR         4.91         6.00           tblVehicleTrips         SU_TR         4.09         6.00           tblVehicleTrips         SU_TR         4.09         6.00           tblVehicleTrips         WD_TR         5.44         6.00           tblVehicleTrips         WD_TR         5.44         6.00           tblWoodstoves         NumberCatalytic         7.60         0.00           tblWoodstoves         NumberNoncatalytic         7.60         0.00           tblWoodstoves         NumberNoncatalytic         7.60         0.00           tblWoodstoves         WoodstoveDayYear         82.00         0.00           tblWoodstoves         WoodstoveDayYear         82.00         0.00           tblWoodstoves         WoodstoveWoodMass         3,019.20         0.00	tblTripsAndVMT	WorkerTripNumber	329.00	330.00
tblVehicleTrips         ST_TR         4.91         6.00           tblVehicleTrips         SU_TR         4.09         6.00           tblVehicleTrips         SU_TR         4.09         6.00           tblVehicleTrips         WD_TR         5.44         6.00           tblVehicleTrips         WD_TR         5.44         6.00           tblWoodstoves         NumberCatalytic         7.60         0.00           tblWoodstoves         NumberNoncatalytic         7.60         0.00           tblWoodstoves         NumberNoncatalytic         7.60         0.00           tblWoodstoves         NumberNoncatalytic         7.60         0.00           tblWoodstoves         WoodstoveDayYear         82.00         0.00           tblWoodstoves         WoodstoveDayYear         82.00         0.00           tblWoodstoves         WoodstoveDayYear         82.00         0.00	tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tbl/ehicleTrips         SU_TR         4.09         6.00           tbl/ehicleTrips         SU_TR         4.09         6.00           tbl/ehicleTrips         WD_TR         5.44         6.00           tbl/ehicleTrips         WD_TR         5.44         6.00           tbl/woodstoves         NumberCatalytic         7.60         0.00           tbl/woodstoves         NumberCatalytic         7.60         0.00           tbl/woodstoves         NumberNoncatalytic         7.60         0.00           tbl/woodstoves         NumberNoncatalytic         7.60         0.00           tbl/woodstoves         WoodstoveDayYear         82.00         0.00           tbl/woodstoves         WoodstoveDayYear         82.00         0.00           tbl/woodstoves         WoodstoveWoodMass         3,019.20         0.00	tblVehicleTrips	ST_TR	4.91	6.00
tblVehicleTrips         SU_TR         4.09         6.00           tblVehicleTrips         WD_TR         5.44         6.00           tblVehicleTrips         WD_TR         5.44         6.00           tblWoodstoves         NumberCatalytic         7.60         0.00           tblWoodstoves         NumberCatalytic         7.60         0.00           tblWoodstoves         NumberNoncatalytic         7.60         0.00           tblWoodstoves         NumberNoncatalytic         7.60         0.00           tblWoodstoves         WoodstoveDayYear         82.00         0.00           tblWoodstoves         WoodstoveDayYear         82.00         0.00           tblWoodstoves         WoodstoveDayYear         82.00         0.00           tblWoodstoves         WoodstoveDayYear         82.00         0.00	tblVehicleTrips	ST_TR	4.91	6.00
tblVehicleTrips         WD_TR         5.44         6.00           tblVehicleTrips         WD_TR         5.44         6.00           tblWoodstoves         NumberCatalytic         7.60         0.00           tblWoodstoves         NumberCatalytic         7.60         0.00           tblWoodstoves         NumberNoncatalytic         7.60         0.00           tblWoodstoves         NumberNoncatalytic         7.60         0.00           tblWoodstoves         WoodstoveDayYear         82.00         0.00           tblWoodstoves         WoodstoveDayYear         82.00         0.00           tblWoodstoves         WoodstoveWoodMass         3,019.20         0.00	tblVehicleTrips	SU_TR	4.09	6.00
tbl/VehicleTrips         WD_TR         5.44         6.00           tbl/Woodstoves         NumberCatalytic         7.60         0.00           tbl/Woodstoves         NumberCatalytic         7.60         0.00           tbl/Woodstoves         NumberNoncatalytic         7.60         0.00           tbl/Woodstoves         NumberNoncatalytic         7.60         0.00           tbl/Woodstoves         WoodstoveDayYear         82.00         0.00           tbl/Woodstoves         WoodstoveDayYear         82.00         0.00           tbl/Woodstoves         WoodstoveDayYear         82.00         0.00           tbl/Woodstoves         WoodstoveWoodMass         3,019.20         0.00	tblVehicleTrips	SU_TR	4.09	6.00
tblWoodstoves         NumberCatalytic         7.60         0.00           tblWoodstoves         NumberCatalytic         7.60         0.00           tblWoodstoves         NumberNoncatalytic         7.60         0.00           tblWoodstoves         NumberNoncatalytic         7.60         0.00           tblWoodstoves         WoodstoveDayYear         82.00         0.00           tblWoodstoves         WoodstoveDayYear         82.00         0.00           tblWoodstoves         WoodstoveDayYear         82.00         0.00           tblWoodstoves         WoodstoveWoodMass         3,019.20         0.00	tblVehicleTrips	WD_TR	5.44	6.00
tblWoodstoves         NumberCatalytic         7.60         0.00           tblWoodstoves         NumberNoncatalytic         7.60         0.00           tblWoodstoves         NumberNoncatalytic         7.60         0.00           tblWoodstoves         WoodstoveDayYear         82.00         0.00           tblWoodstoves         WoodstoveDayYear         82.00         0.00           tblWoodstoves         WoodstoveWoodMass         3,019.20         0.00	tblVehicleTrips	WD_TR	5.44	6.00
tblWoodstoves         NumberNoncatalytic         7.60         0.00           tblWoodstoves         NumberNoncatalytic         7.60         0.00           tblWoodstoves         WoodstoveDayYear         82.00         0.00           tblWoodstoves         WoodstoveDayYear         82.00         0.00           tblWoodstoves         WoodstoveWoodMass         3,019.20         0.00	tblWoodstoves	NumberCatalytic	7.60	0.00
tblWoodstoves         NumberNoncatalytic         7.60         0.00           tblWoodstoves         WoodstoveDayYear         82.00         0.00           tblWoodstoves         WoodstoveDayYear         82.00         0.00           tblWoodstoves         WoodstoveWoodMass         3,019.20         0.00	tblWoodstoves	NumberCatalytic	7.60	0.00
tblWoodstoves WoodstoveDayYear 82.00 0.00 tblWoodstoves WoodstoveDayYear 82.00 0.00 tblWoodstoves WoodstoveWoodMass 3,019.20 0.00	tblWoodstoves	NumberNoncatalytic	7.60	0.00
tblWoodstoves WoodstoveDayYear 82.00 0.00 tblWoodstoves WoodstoveWoodMass 3,019.20 0.00	tblWoodstoves	NumberNoncatalytic	7.60	0.00
tblWoodstoves WoodstoveWoodMass 3,019.20 0.00	tblWoodstoves	WoodstoveDayYear	82.00	0.00
ļ <u>i.</u>	tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves WoodstoveWoodMass 3,019.20 0.00	tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00
	tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

# 2.0 Emissions Summary

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Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Annual

#### 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				
2026	0.1820	1.4733	1.8281	4.7100e- 003	0.4196	0.0544	0.4740	0.1547	0.0507	0.2054	0.0000	424.6650	424.6650	0.0686	0.0149	430.8285
2027	0.6377	1.6026	2.3266	6.0300e- 003	0.3002	0.0567	0.3569	0.0809	0.0533	0.1342	0.0000	546.7709	546.7709	0.0662	0.0236	555.4633
Maximum	0.6377	1.6026	2.3266	6.0300e- 003	0.4196	0.0567	0.4740	0.1547	0.0533	0.2054	0.0000	546.7709	546.7709	0.0686	0.0236	555.4633

## **Mitigated Construction**

	ROG	NOx	СО	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	ear tons/yr										MT	/yr				
2026	0.1820	1.4733	1.8281	4.7100e- 003	0.2896	0.0544	0.3440	0.0968	0.0507	0.1474	0.0000	424.6648	424.6648	0.0686	0.0149	430.8283
2027	0.6377	1.6026	2.3266	6.0300e- 003	0.3002	0.0567	0.3569	0.0809	0.0533	0.1342	0.0000	546.7707	546.7707	0.0662	0.0236	555.4630
Maximum	0.6377	1.6026	2.3266	6.0300e- 003	0.3002	0.0567	0.3569	0.0968	0.0533	0.1474	0.0000	546.7707	546.7707	0.0686	0.0236	555.4630

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

	ROG	NOx	СО	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	18.06	0.00	15.64	24.59	0.00	17.06	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	6-1-2026	8-31-2026	0.8338	0.8338
2	9-1-2026	11-30-2026	0.5989	0.5989
3	12-1-2026	2-28-2027	0.5925	0.5925
4	3-1-2027	5-31-2027	0.5990	0.5990
5	6-1-2027	8-31-2027	0.5963	0.5963
6	9-1-2027	9-30-2027	0.1589	0.1589
		Highest	0.8338	0.8338

#### 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	СО	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					ton	s/yr							MT	/yr		
Area	1.7814	0.2328	2.3491	1.4400e- 003		0.0293	0.0293		0.0293	0.0293	0.0000	243.1445	243.1445	8.1500e- 003	4.3900e- 003	244.6564
Energy	0.0119	0.1019	0.0434	6.5000e- 004		8.2400e- 003	8.2400e- 003		8.2400e- 003	8.2400e- 003	0.0000	436.1993	436.1993	0.0217	4.5200e- 003	438.0892
Mobile	0.8183	0.8810	7.6917	0.0166	1.9480	0.0124	1.9605	0.5199	0.0116	0.5315	0.0000	1,535.119 8	1,535.119 8	0.1094	0.0694	1,558.523 3
Waste	1					0.0000	0.0000		0.0000	0.0000	28.3863	0.0000	28.3863	1.6776	0.0000	70.3258
Water	1				<del></del>	0.0000	0.0000	<del></del>	0.0000	0.0000	6.2838	97.1479	103.4317	0.6513	0.0160	124.4711
Total	2.6117	1.2157	10.0842	0.0187	1.9480	0.0499	1.9980	0.5199	0.0491	0.5690	34.6701	2,311.611 6	2,346.281 6	2.4682	0.0942	2,436.065 7

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#### 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	СО	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					ton	s/yr							MT	/yr		
Area	1.7814	0.2328	2.3491	1.4400e- 003		0.0293	0.0293		0.0293	0.0293	0.0000	243.1445	243.1445	8.1500e- 003	4.3900e- 003	244.6564
Energy	0.0119	0.1019	0.0434	6.5000e- 004		8.2400e- 003	8.2400e- 003		8.2400e- 003	8.2400e- 003	0.0000	436.1993	436.1993	0.0217	4.5200e- 003	438.0892
Mobile	0.8183	0.8810	7.6917	0.0166	1.9480	0.0124	1.9605	0.5199	0.0116	0.5315	0.0000	1,535.119 8	1,535.119 8	0.1094	0.0694	1,558.523 3
Waste	1					0.0000	0.0000		0.0000	0.0000	28.3863	0.0000	28.3863	1.6776	0.0000	70.3258
Water	1					0.0000	0.0000	<del> </del>	0.0000	0.0000	6.2838	97.1479	103.4317	0.6513	0.0160	124.4711
Total	2.6117	1.2157	10.0842	0.0187	1.9480	0.0499	1.9980	0.5199	0.0491	0.5690	34.6701	2,311.611 6	2,346.281 6	2.4682	0.0942	2,436.065 7

	ROG	NOx	СО	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	Site Preparation	Site Preparation	6/1/2026	6/12/2026	5	10	
2	Grading	Grading	6/13/2026	7/24/2026	5	30	
3	Building Construction	Building Construction	7/25/2026	9/17/2027	5	300	

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

4	Paving	Paving		10/15/2027	5	20	
5	Architectural Coating	•	•	11/12/2027	5	20	

Acres of Grading (Site Preparation Phase): 15

Acres of Grading (Grading Phase): 90

Acres of Paving: 5.92

Residential Indoor: 615,600; Residential Outdoor: 205,200; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 15,792 (Architectural Coating – sqft)

#### **OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

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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
Site Preparation	7	18.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	330.00	76.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	16.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	66.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

# **3.1 Mitigation Measures Construction**

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

## 3.2 Site Preparation - 2026

**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					ton	s/yr							MT	/yr		
Fugitive Dust					0.0983	0.0000	0.0983	0.0505	0.0000	0.0505	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0124	0.1262	0.0896	1.9000e- 004		5.4300e- 003	5.4300e- 003		5.0000e- 003	5.0000e- 003	0.0000	16.7335	16.7335	5.4100e- 003	0.0000	16.8688
Total	0.0124	0.1262	0.0896	1.9000e- 004	0.0983	5.4300e- 003	0.1037	0.0505	5.0000e- 003	0.0555	0.0000	16.7335	16.7335	5.4100e- 003	0.0000	16.8688

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

# 3.2 Site Preparation - 2026

#### **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					ton	s/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	2.0000e- 005	8.6000e- 004	3.0000e- 004	0.0000	1.3000e- 004	1.0000e- 005	1.4000e- 004	4.0000e- 005	0.0000	4.0000e- 005	0.0000	0.3794	0.3794	1.0000e- 005	5.0000e- 005	0.3961
Worker	2.0000e- 004	1.3000e- 004	1.6900e- 003	1.0000e- 005	7.2000e- 004	0.0000	7.3000e- 004	1.9000e- 004	0.0000	1.9000e- 004	0.0000	0.5169	0.5169	1.0000e- 005	1.0000e- 005	0.5212
Total	2.2000e- 004	9.9000e- 004	1.9900e- 003	1.0000e- 005	8.5000e- 004	1.0000e- 005	8.7000e- 004	2.3000e- 004	0.0000	2.3000e- 004	0.0000	0.8964	0.8964	2.0000e- 005	6.0000e- 005	0.9173

# **Mitigated Construction On-Site**

	ROG	NOx	СО	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					ton	s/yr							MT	/yr		
Fugitive Dust					0.0442	0.0000	0.0442	0.0227	0.0000	0.0227	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0124	0.1262	0.0896	1.9000e- 004		5.4300e- 003	5.4300e- 003		5.0000e- 003	5.0000e- 003	0.0000	16.7335	16.7335	5.4100e- 003	0.0000	16.8688
Total	0.0124	0.1262	0.0896	1.9000e- 004	0.0442	5.4300e- 003	0.0497	0.0227	5.0000e- 003	0.0277	0.0000	16.7335	16.7335	5.4100e- 003	0.0000	16.8688

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# 3.2 Site Preparation - 2026

#### **Mitigated Construction Off-Site**

	ROG	NOx	СО	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					ton	s/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	2.0000e- 005	8.6000e- 004	3.0000e- 004	0.0000	1.3000e- 004	1.0000e- 005	1.4000e- 004	4.0000e- 005	0.0000	4.0000e- 005	0.0000	0.3794	0.3794	1.0000e- 005	5.0000e- 005	0.3961
Worker	2.0000e- 004	1.3000e- 004	1.6900e- 003	1.0000e- 005	7.2000e- 004	0.0000	7.3000e- 004	1.9000e- 004	0.0000	1.9000e- 004	0.0000	0.5169	0.5169	1.0000e- 005	1.0000e- 005	0.5212
Total	2.2000e- 004	9.9000e- 004	1.9900e- 003	1.0000e- 005	8.5000e- 004	1.0000e- 005	8.7000e- 004	2.3000e- 004	0.0000	2.3000e- 004	0.0000	0.8964	0.8964	2.0000e- 005	6.0000e- 005	0.9173

## 3.3 Grading - 2026

# **Unmitigated Construction On-Site**

	ROG	NOx	СО	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					ton	s/yr							MT	/yr		
Fugitive Dust					0.1381	0.0000	0.1381	0.0548	0.0000	0.0548	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0435	0.4191	0.3950	9.3000e- 004		0.0170	0.0170		0.0156	0.0156	0.0000	81.7593	81.7593	0.0264	0.0000	82.4204
Total	0.0435	0.4191	0.3950	9.3000e- 004	0.1381	0.0170	0.1550	0.0548	0.0156	0.0704	0.0000	81.7593	81.7593	0.0264	0.0000	82.4204

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

3.3 Grading - 2026
Unmitigated Construction Off-Site

	ROG	NOx	СО	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					ton	s/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	6.0000e- 005	2.5900e- 003	8.9000e- 004	1.0000e- 005	4.0000e- 004	2.0000e- 005	4.1000e- 004	1.2000e- 004	1.0000e- 005	1.3000e- 004	0.0000	1.1382	1.1382	4.0000e- 005	1.6000e- 004	1.1883
Worker	6.8000e- 004	4.2000e- 004	5.6400e- 003	2.0000e- 005	2.4100e- 003	1.0000e- 005	2.4200e- 003	6.4000e- 004	1.0000e- 005	6.5000e- 004	0.0000	1.7231	1.7231	4.0000e- 005	4.0000e- 005	1.7373
Total	7.4000e- 004	3.0100e- 003	6.5300e- 003	3.0000e- 005	2.8100e- 003	3.0000e- 005	2.8300e- 003	7.6000e- 004	2.0000e- 005	7.8000e- 004	0.0000	2.8614	2.8614	8.0000e- 005	2.0000e- 004	2.9256

#### **Mitigated Construction On-Site**

	ROG	NOx	СО	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					ton	s/yr							MT	/yr		
Fugitive Dust					0.0621	0.0000	0.0621	0.0247	0.0000	0.0247	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0435	0.4191	0.3950	9.3000e- 004		0.0170	0.0170	  -  -	0.0156	0.0156	0.0000	81.7592	81.7592	0.0264	0.0000	82.4203
Total	0.0435	0.4191	0.3950	9.3000e- 004	0.0621	0.0170	0.0791	0.0247	0.0156	0.0403	0.0000	81.7592	81.7592	0.0264	0.0000	82.4203

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3.3 Grading - 2026

#### **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					ton	s/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	6.0000e- 005	2.5900e- 003	8.9000e- 004	1.0000e- 005	4.0000e- 004	2.0000e- 005	4.1000e- 004	1.2000e- 004	1.0000e- 005	1.3000e- 004	0.0000	1.1382	1.1382	4.0000e- 005	1.6000e- 004	1.1883
Worker	6.8000e- 004	4.2000e- 004	5.6400e- 003	2.0000e- 005	2.4100e- 003	1.0000e- 005	2.4200e- 003	6.4000e- 004	1.0000e- 005	6.5000e- 004	0.0000	1.7231	1.7231	4.0000e- 005	4.0000e- 005	1.7373
Total	7.4000e- 004	3.0100e- 003	6.5300e- 003	3.0000e- 005	2.8100e- 003	3.0000e- 005	2.8300e- 003	7.6000e- 004	2.0000e- 005	7.8000e- 004	0.0000	2.8614	2.8614	8.0000e- 005	2.0000e- 004	2.9256

## 3.4 Building Construction - 2026

#### **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					ton	s/yr							MT	/yr		
	0.0779	0.7108	0.9168	1.5400e- 003		0.0301	0.0301		0.0283	0.0283	0.0000	132.1941	132.1941	0.0311	0.0000	132.9710
Total	0.0779	0.7108	0.9168	1.5400e- 003		0.0301	0.0301		0.0283	0.0283	0.0000	132.1941	132.1941	0.0311	0.0000	132.9710

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# 3.4 Building Construction - 2026 <u>Unmitigated Construction Off-Site</u>

	ROG	NOx	СО	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					ton	s/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	4.6100e- 003	0.1871	0.0644	8.4000e- 004	0.0288	1.1300e- 003	0.0299	8.3100e- 003	1.0800e- 003	9.3800e- 003	0.0000	82.1803	82.1803	2.8300e- 003	0.0119	85.7955
Worker	0.0426	0.0261	0.3539	1.1800e- 003	0.1508	7.2000e- 004	0.1516	0.0401	6.6000e- 004	0.0407	0.0000	108.0401	108.0401	2.7000e- 003	2.7600e- 003	108.9300
Total	0.0472	0.2132	0.4182	2.0200e- 003	0.1796	1.8500e- 003	0.1815	0.0484	1.7400e- 003	0.0501	0.0000	190.2204	190.2204	5.5300e- 003	0.0147	194.7255

#### **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					ton	s/yr							MT	/yr		
Off-Road	0.0779	0.7108	0.9168	1.5400e- 003		0.0301	0.0301		0.0283	0.0283	0.0000	132.1939	132.1939	0.0311	0.0000	132.9708
Total	0.0779	0.7108	0.9168	1.5400e- 003		0.0301	0.0301		0.0283	0.0283	0.0000	132.1939	132.1939	0.0311	0.0000	132.9708

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# 3.4 Building Construction - 2026

**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					ton	s/yr							МТ	/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
	4.6100e- 003	0.1871	0.0644	8.4000e- 004	0.0288	1.1300e- 003	0.0299	8.3100e- 003	1.0800e- 003	9.3800e- 003	0.0000	82.1803	82.1803	2.8300e- 003	0.0119	85.7955
Worker	0.0426	0.0261	0.3539	1.1800e- 003	0.1508	7.2000e- 004	0.1516	0.0401	6.6000e- 004	0.0407	0.0000	108.0401	108.0401	2.7000e- 003	2.7600e- 003	108.9300
Total	0.0472	0.2132	0.4182	2.0200e- 003	0.1796	1.8500e- 003	0.1815	0.0484	1.7400e- 003	0.0501	0.0000	190.2204	190.2204	5.5300e- 003	0.0147	194.7255

# 3.4 Building Construction - 2027

**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					ton	s/yr							MT	/yr		
	0.1272	1.1597	1.4959	2.5100e- 003		0.0491	0.0491	i i	0.0462	0.0462	0.0000	215.6851	215.6851	0.0507	0.0000	216.9526
Total	0.1272	1.1597	1.4959	2.5100e- 003		0.0491	0.0491		0.0462	0.0462	0.0000	215.6851	215.6851	0.0507	0.0000	216.9526

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

# 3.4 Building Construction - 2027 <u>Unmitigated Construction Off-Site</u>

	ROG	NOx	СО	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					ton	s/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	7.3400e- 003	0.3020	0.1040	1.3300e- 003	0.0469	1.8200e- 003	0.0488	0.0136	1.7400e- 003	0.0153	0.0000	131.3115	131.3115	4.7100e- 003	0.0190	137.0918
Worker	0.0657	0.0391	0.5471	1.8700e- 003	0.2461	1.1000e- 003	0.2472	0.0654	1.0100e- 003	0.0664	0.0000	171.1429	171.1429	4.0400e- 003	4.2800e- 003	172.5198
Total	0.0730	0.3411	0.6511	3.2000e- 003	0.2931	2.9200e- 003	0.2960	0.0790	2.7500e- 003	0.0817	0.0000	302.4544	302.4544	8.7500e- 003	0.0233	309.6116

#### **Mitigated Construction On-Site**

	ROG	NOx	СО	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					ton	s/yr							MT	/yr		
Oii rioda	0.1272	1.1597	1.4959	2.5100e- 003		0.0491	0.0491	 	0.0462	0.0462	0.0000	215.6848	215.6848	0.0507	0.0000	216.9524
Total	0.1272	1.1597	1.4959	2.5100e- 003		0.0491	0.0491		0.0462	0.0462	0.0000	215.6848	215.6848	0.0507	0.0000	216.9524

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

# 3.4 Building Construction - 2027 Mitigated Construction Off-Site

	ROG	NOx	СО	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					ton	s/yr							МТ	-/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	7.3400e- 003	0.3020	0.1040	1.3300e- 003	0.0469	1.8200e- 003	0.0488	0.0136	1.7400e- 003	0.0153	0.0000	131.3115	131.3115	4.7100e- 003	0.0190	137.0918
Worker	0.0657	0.0391	0.5471	1.8700e- 003	0.2461	1.1000e- 003	0.2472	0.0654	1.0100e- 003	0.0664	0.0000	171.1429	171.1429	4.0400e- 003	4.2800e- 003	172.5198
Total	0.0730	0.3411	0.6511	3.2000e- 003	0.2931	2.9200e- 003	0.2960	0.0790	2.7500e- 003	0.0817	0.0000	302.4544	302.4544	8.7500e- 003	0.0233	309.6116

# 3.5 Paving - 2027 <u>Unmitigated Construction On-Site</u>

	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					ton	s/yr							MT	/yr		
Off-Road	9.1500e- 003	0.0858	0.1458	2.3000e- 004		4.1900e- 003	4.1900e- 003		3.8500e- 003	3.8500e- 003	0.0000	20.0193	20.0193	6.4700e- 003	0.0000	20.1811
Paving	7.7600e- 003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0169	0.0858	0.1458	2.3000e- 004		4.1900e- 003	4.1900e- 003		3.8500e- 003	3.8500e- 003	0.0000	20.0193	20.0193	6.4700e- 003	0.0000	20.1811

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

3.5 Paving - 2027
<u>Unmitigated Construction Off-Site</u>

	ROG	NOx	СО	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					ton	s/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- 005	1.7100e- 003	5.9000e- 004	1.0000e- 005	2.7000e- 004	1.0000e- 005	2.8000e- 004	8.0000e- 005	1.0000e- 005	9.0000e- 005	0.0000	0.7431	0.7431	3.0000e- 005	1.1000e- 004	0.7758
Worker	3.4000e- 004	2.0000e- 004	2.8500e- 003	1.0000e- 005	1.2800e- 003	1.0000e- 005	1.2900e- 003	3.4000e- 004	1.0000e- 005	3.5000e- 004	0.0000	0.8922	0.8922	2.0000e- 005	2.0000e- 005	0.8994
Total	3.8000e- 004	1.9100e- 003	3.4400e- 003	2.0000e- 005	1.5500e- 003	2.0000e- 005	1.5700e- 003	4.2000e- 004	2.0000e- 005	4.4000e- 004	0.0000	1.6354	1.6354	5.0000e- 005	1.3000e- 004	1.6753

#### **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					ton	s/yr							МТ	√yr		
1	9.1500e- 003	0.0858	0.1458	2.3000e- 004		4.1900e- 003	4.1900e- 003		3.8500e- 003	3.8500e- 003	0.0000	20.0192	20.0192	6.4700e- 003	0.0000	20.1811
	7.7600e- 003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0169	0.0858	0.1458	2.3000e- 004		4.1900e- 003	4.1900e- 003		3.8500e- 003	3.8500e- 003	0.0000	20.0192	20.0192	6.4700e- 003	0.0000	20.1811

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

3.5 Paving - 2027

<u>Mitigated Construction Off-Site</u>

	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					ton	s/yr							МТ	/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- 005	1.7100e- 003	5.9000e- 004	1.0000e- 005	2.7000e- 004	1.0000e- 005	2.8000e- 004	8.0000e- 005	1.0000e- 005	9.0000e- 005	0.0000	0.7431	0.7431	3.0000e- 005	1.1000e- 004	0.7758
Worker	3.4000e- 004	2.0000e- 004	2.8500e- 003	1.0000e- 005	1.2800e- 003	1.0000e- 005	1.2900e- 003	3.4000e- 004	1.0000e- 005	3.5000e- 004	0.0000	0.8922	0.8922	2.0000e- 005	2.0000e- 005	0.8994
Total	3.8000e- 004	1.9100e- 003	3.4400e- 003	2.0000e- 005	1.5500e- 003	2.0000e- 005	1.5700e- 003	4.2000e- 004	2.0000e- 005	4.4000e- 004	0.0000	1.6354	1.6354	5.0000e- 005	1.3000e- 004	1.6753

# 3.6 Architectural Coating - 2027 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					ton	s/yr							MT	/yr		
Archit. Coating	0.4170					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7100e- 003	0.0115	0.0181	3.0000e- 005		5.2000e- 004	5.2000e- 004		5.2000e- 004	5.2000e- 004	0.0000	2.5533	2.5533	1.4000e- 004	0.0000	2.5567
Total	0.4188	0.0115	0.0181	3.0000e- 005		5.2000e- 004	5.2000e- 004		5.2000e- 004	5.2000e- 004	0.0000	2.5533	2.5533	1.4000e- 004	0.0000	2.5567

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

# 3.6 Architectural Coating - 2027 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					ton	s/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- 005	1.7100e- 003	5.9000e- 004	1.0000e- 005	2.7000e- 004	1.0000e- 005	2.8000e- 004	8.0000e- 005	1.0000e- 005	9.0000e- 005	0.0000	0.7431	0.7431	3.0000e- 005	1.1000e- 004	0.7758
Worker	1.4100e- 003	8.4000e- 004	0.0118	4.0000e- 005	5.2900e- 003	2.0000e- 005	5.3200e- 003	1.4100e- 003	2.0000e- 005	1.4300e- 003	0.0000	3.6805	3.6805	9.0000e- 005	9.0000e- 005	3.7101
Total	1.4500e- 003	2.5500e- 003	0.0124	5.0000e- 005	5.5600e- 003	3.0000e- 005	5.6000e- 003	1.4900e- 003	3.0000e- 005	1.5200e- 003	0.0000	4.4236	4.4236	1.2000e- 004	2.0000e- 004	4.4859

# **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					ton	s/yr							МТ	/yr		
Archit. Coating	0.4170					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
- On Roda	1.7100e- 003	0.0115	0.0181	3.0000e- 005		5.2000e- 004	5.2000e- 004		5.2000e- 004	5.2000e- 004	0.0000	2.5533	2.5533	1.4000e- 004	0.0000	2.5567
Total	0.4188	0.0115	0.0181	3.0000e- 005		5.2000e- 004	5.2000e- 004		5.2000e- 004	5.2000e- 004	0.0000	2.5533	2.5533	1.4000e- 004	0.0000	2.5567

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

# 3.6 Architectural Coating - 2027 Mitigated Construction Off-Site

	ROG	NOx	СО	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					ton	s/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- 005	1.7100e- 003	5.9000e- 004	1.0000e- 005	2.7000e- 004	1.0000e- 005	2.8000e- 004	8.0000e- 005	1.0000e- 005	9.0000e- 005	0.0000	0.7431	0.7431	3.0000e- 005	1.1000e- 004	0.7758
Worker	1.4100e- 003	8.4000e- 004	0.0118	4.0000e- 005	5.2900e- 003	2.0000e- 005	5.3200e- 003	1.4100e- 003	2.0000e- 005	1.4300e- 003	0.0000	3.6805	3.6805	9.0000e- 005	9.0000e- 005	3.7101
Total	1.4500e- 003	2.5500e- 003	0.0124	5.0000e- 005	5.5600e- 003	3.0000e- 005	5.6000e- 003	1.4900e- 003	3.0000e- 005	1.5200e- 003	0.0000	4.4236	4.4236	1.2000e- 004	2.0000e- 004	4.4859

# 4.0 Operational Detail - Mobile

# **4.1 Mitigation Measures Mobile**

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

	ROG	NOx	СО	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					ton	s/yr							MT	/yr		
Mitigated	0.8183	0.8810	7.6917	0.0166	1.9480	0.0124	1.9605	0.5199	0.0116	0.5315	0.0000	1,535.119 8	1,535.119 8	0.1094	0.0694	1,558.523 3
Unmitigated	0.8183	0.8810	7.6917	0.0166	1.9480	0.0124	1.9605	0.5199	0.0116	0.5315	0.0000	1,535.119 8	1,535.119 8	0.1094	0.0694	1,558.523 3

## **4.2 Trip Summary Information**

	Avei	rage Daily Trip Ra	ite	Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	912.00	912.00	912.00	2,604,037	2,604,037
Condo/Townhouse High Rise	912.00	912.00	912.00	2,604,037	2,604,037
Parking Lot	0.00	0.00	0.00		
Total	1,824.00	1,824.00	1,824.00	5,208,073	5,208,073

# **4.3 Trip Type Information**

		Miles			Trip %			Trip Purpos	e %
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
Apartments Mid Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
Condo/Townhouse High Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
Parking Lot	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	МН
Apartments Mid Rise	0.568480	0.062094	0.174123	0.115064	0.023357	0.006399	0.009361	0.006325	0.000693	0.000596	0.028205	0.000919	0.004383
Condo/Townhouse High Rise	0.568480	0.062094	0.174123	0.115064	0.023357	0.006399	0.009361	0.006325	0.000693	0.000596	0.028205	0.000919	0.004383

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

Dorleina Lot	- :	0.568480	0.062004	0 174123	0.115064	0.023357	0.006399	0.000264	0.006335	0.000602	0.000596	0.028205	0.000010	0.004202
Parking Lot	- :	0.500460	0.062094	0.174123	0.115064	0.023337	0.006399	0.009361	0.006325	0.000693	0.000596	0.026205	0.000919	0.004383
									_					

# 5.0 Energy Detail

Historical Energy Use: N

## **5.1 Mitigation Measures Energy**

	ROG	NOx	СО	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					ton	s/yr							MT	/yr		
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	318.1629	318.1629	0.0194	2.3600e- 003	319.3513
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	318.1629	318.1629	0.0194	2.3600e- 003	319.3513
NaturalGas Mitigated	0.0119	0.1019	0.0434	6.5000e- 004	 	8.2400e- 003	8.2400e- 003		8.2400e- 003	8.2400e- 003	0.0000	118.0364	118.0364	2.2600e- 003	2.1600e- 003	118.7379
NaturalGas Unmitigated	0.0119	0.1019	0.0434	6.5000e- 004		8.2400e- 003	8.2400e- 003		8.2400e- 003	8.2400e- 003	0.0000	118.0364	118.0364	2.2600e- 003	2.1600e- 003	118.7379

#### 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**

	NaturalGa s Use	ROG	NOx	СО	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														
Apartments Mid Rise	1.10596e +006	5.9600e- 003	0.0510	0.0217	3.3000e- 004		4.1200e- 003	4.1200e- 003		4.1200e- 003	4.1200e- 003	0.0000	59.0182	59.0182	1.1300e- 003	1.0800e- 003	59.3689
Condo/Townhous e High Rise	1.10596e +006	5.9600e- 003	0.0510	0.0217	3.3000e- 004	 	4.1200e- 003	4.1200e- 003		4.1200e- 003	4.1200e- 003	0.0000	59.0182	59.0182	1.1300e- 003	1.0800e- 003	59.3689
Parking Lot	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		0.0119	0.1019	0.0434	6.6000e- 004		8.2400e- 003	8.2400e- 003		8.2400e- 003	8.2400e- 003	0.0000	118.0364	118.0364	2.2600e- 003	2.1600e- 003	118.7379

#### 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**

	NaturalGa s 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					ton	s/yr							MT	/yr		
Apartments Mid Rise	1.10596e +006	5.9600e- 003	0.0510	0.0217	3.3000e- 004		4.1200e- 003	4.1200e- 003		4.1200e- 003	4.1200e- 003	0.0000	59.0182	59.0182	1.1300e- 003	1.0800e- 003	59.3689
Condo/Townhous e High Rise	1.10596e +006	5.9600e- 003	0.0510	0.0217	3.3000e- 004		4.1200e- 003	4.1200e- 003		4.1200e- 003	4.1200e- 003	0.0000	59.0182	59.0182	1.1300e- 003	1.0800e- 003	59.3689
Parking Lot	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		0.0119	0.1019	0.0434	6.6000e- 004		8.2400e- 003	8.2400e- 003		8.2400e- 003	8.2400e- 003	0.0000	118.0364	118.0364	2.2600e- 003	2.1600e- 003	118.7379

#### 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	
Apartments Mid Rise	583701	142.9664	8.7400e- 003	1.0600e- 003	143.5005
Condo/Townhous e High Rise	623170	152.6334	9.3300e- 003	1.1300e- 003	153.2036
Parking Lot	92120	22.5630	1.3800e- 003	1.7000e- 004	22.6473
Total		318.1629	0.0195	2.3600e- 003	319.3513

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#### 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	
Apartments Mid Rise	583701	142.9664	8.7400e- 003	1.0600e- 003	143.5005
Condo/Townhous e High Rise	623170	152.6334	9.3300e- 003	1.1300e- 003	153.2036
Parking Lot	92120	22.5630	1.3800e- 003	1.7000e- 004	22.6473
Total		318.1629	0.0195	2.3600e- 003	319.3513

## 6.0 Area Detail

# **6.1 Mitigation Measures Area**

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use only Natural Gas Hearths

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

	ROG	NOx	СО	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					ton	s/yr							MT	/yr		
Mitigated	1.7814	0.2328	2.3491	1.4400e- 003		0.0293	0.0293		0.0293	0.0293	0.0000	243.1445	243.1445	8.1500e- 003	4.3900e- 003	244.6564
Unmitigated	1.7814	0.2328	2.3491	1.4400e- 003		0.0293	0.0293		0.0293	0.0293	0.0000	243.1445	243.1445	8.1500e- 003	4.3900e- 003	244.6564

# 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					ton	s/yr							МТ	/yr		
Architectural Coating	0.4847					0.0000	0.0000	1 1 1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.2043				 	0.0000	0.0000	       	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0242	0.2068	0.0880	1.3200e- 003		0.0167	0.0167	       	0.0167	0.0167	0.0000	239.4455	239.4455	4.5900e- 003	4.3900e- 003	240.8685
Landscaping	0.0683	0.0260	2.2611	1.2000e- 004		0.0125	0.0125		0.0125	0.0125	0.0000	3.6989	3.6989	3.5600e- 003	0.0000	3.7880
Total	1.7814	0.2328	2.3491	1.4400e- 003		0.0293	0.0293		0.0293	0.0293	0.0000	243.1445	243.1445	8.1500e- 003	4.3900e- 003	244.6564

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#### 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	СО	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					ton	s/yr							MT	/yr		
Architectural Coating	0.4847		 			0.0000	0.0000	i i	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Products	1.2043		 	 	       	0.0000	0.0000	i !	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0242	0.2068	0.0880	1.3200e- 003	       	0.0167	0.0167	i !	0.0167	0.0167	0.0000	239.4455	239.4455	4.5900e- 003	4.3900e- 003	240.8685
Landscaping	0.0683	0.0260	2.2611	1.2000e- 004	       	0.0125	0.0125	i i i	0.0125	0.0125	0.0000	3.6989	3.6989	3.5600e- 003	0.0000	3.7880
Total	1.7814	0.2328	2.3491	1.4400e- 003		0.0293	0.0293		0.0293	0.0293	0.0000	243.1445	243.1445	8.1500e- 003	4.3900e- 003	244.6564

# 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		МТ	-/yr	
lgatea	103.4317	0.6513	0.0160	124.4711
J Crimingatou	103.4317	0.6513	0.0160	124.4711

# 7.2 Water by Land Use <u>Unmitigated</u>

	Indoor/Out door Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal		МТ	-/yr	
Apartments Mid Rise	9.90341 / 6.24346	51.7159	0.3257	7.9800e- 003	62.2356
Condo/Townhous e High Rise	9.90341 / 6.24346	51.7159	0.3257	7.9800e- 003	62.2356
Parking Lot	0/0	0.0000	0.0000	0.0000	0.0000
Total		103.4317	0.6513	0.0160	124.4711

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

#### 7.2 Water by Land Use

#### **Mitigated**

	Indoor/Out door Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	9.90341 / 6.24346	51.7159	0.3257	7.9800e- 003	62.2356
Condo/Townhous e High Rise	9.90341 / 6.24346	51.7159	0.3257	7.9800e- 003	62.2356
Parking Lot	0/0	0.0000	0.0000	0.0000	0.0000
Total		103.4317	0.6513	0.0160	124.4711

#### 8.0 Waste Detail

# 8.1 Mitigation Measures Waste

#### 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					
wiiigatod	28.3863	1.6776	0.0000	70.3258		
Jgatea	28.3863	1.6776	0.0000	70.3258		

# 8.2 Waste by Land Use <u>Unmitigated</u>

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	69.92	14.1931	0.8388	0.0000	35.1629
Condo/Townhous e High Rise	69.92	14.1931	0.8388	0.0000	35.1629
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		28.3863	1.6776	0.0000	70.3257

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

#### 8.2 Waste by Land Use

#### **Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	69.92	14.1931	0.8388	0.0000	35.1629
Condo/Townhous e High Rise	69.92	14.1931	0.8388	0.0000	35.1629
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		28.3863	1.6776	0.0000	70.3257

## 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

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

11.0 Vegetation

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

# **Reduced Pacific Specific Plan Project Alternative Mitigated**

San Diego County APCD Air District, Summer

#### 1.0 Project Characteristics

#### 1.1 Land Usage

Urbanization

(lb/MWhr)

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	658.00	Space	5.92	263,200.00	0
Apartments Mid Rise	152.00	Dwelling Unit	4.00	152,000.00	435
Condo/Townhouse High Rise	152.00	Dwelling Unit	2.38	152,000.00	435

Precipitation Freq (Days)

(lb/MWhr)

40

#### 1.2 Other Project Characteristics

Urban

O Damization	Olban	Willia Opeca (III/3)	2.0	r recipitation r req (bays)	40
Climate Zone	13			Operational Year	2027
Utility Company	San Diego Gas & Electric				
CO2 Intensity	539.98	CH4 Intensity	0.033	N2O Intensity	0.004

2.6

Wind Speed (m/s)

(lb/MWhr)

#### 1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on site plan.

Construction Phase - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

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#### Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Summer

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

Off-road Equipment - CalEEMod defaults.

Trips and VMT - CalEEMod defaults. Odd trips were rounded up to account for whole round trips.

On-road Fugitive Dust - CalEEMod defaults.

Grading - CalEEMod defaults.

Architectural Coating - MM-AQ-1, 10 g/l VOC contenct for interior, 50 g/l for exterior, 100 g/l for parking.

Vehicle Trips - Based on TIA.

Woodstoves - Natural gas fireplaces in all units.

Consumer Products - CalEEMod defaults.

Area Coating - MM-AQ-1, 10 g/l VOC contenct for interior, 50 g/l for exterior, 100 g/l for parking.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

Construction Off-road Equipment Mitigation - In accordance with SDAPCD Rule 55.

Area Mitigation - MM-AQ-1, 10 g/l VOC contenct for interior, 50 g/l for exterior, 100 g/l for parking. No wood burning fireplaces.

**Energy Mitigation -**

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	10.00
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00

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

tblFireplaces	NumberGas	83.60	152.00
tblFireplaces	NumberGas	83.60	152.00
tblFireplaces	NumberNoFireplace	15.20	0.00
tblFireplaces	NumberNoFireplace	15.20	0.00
tblFireplaces	NumberWood	53.20	0.00
tblFireplaces	NumberWood	53.20	0.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	329.00	330.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblVehicleTrips	ST_TR	4.91	6.00
tblVehicleTrips	ST_TR	4.91	6.00
tblVehicleTrips	SU_TR	4.09	6.00
tblVehicleTrips	SU_TR	4.09	6.00
tblVehicleTrips	WD_TR	5.44	6.00
tblVehicleTrips	WD_TR	5.44	6.00
tblWoodstoves	NumberCatalytic	7.60	0.00
tblWoodstoves	NumberCatalytic	7.60	0.00
tblWoodstoves	NumberNoncatalytic	7.60	0.00
tblWoodstoves	NumberNoncatalytic	7.60	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

# 2.0 Emissions Summary

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#### Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Summer

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

## 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							
2026	2.9512	28.1349	26.7846	0.0641	19.8320	1.1327	20.9205	10.1495	1.0421	11.1509	0.0000	6,335.579 7	6,335.579 7	1.9491	0.2798	6,436.594 4		
2027	42.0214	15.9872	23.3559	0.0623	3.2256	0.5589	3.7846	0.8672	0.5259	1.3931	0.0000	6,238.831 0	6,238.831 0	0.7189	0.2725	6,337.613 6		
Maximum	42.0214	28.1349	26.7846	0.0641	19.8320	1.1327	20.9205	10.1495	1.0421	11.1509	0.0000	6,335.579 7	6,335.579 7	1.9491	0.2798	6,436.594 4		

#### **Mitigated Construction**

	ROG	NOx	СО	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							
2026	2.9512	28.1349	26.7846	0.0641	9.0206	1.1327	10.1091	4.5931	1.0421	5.5946	0.0000	6,335.579 7	6,335.579 7	1.9491	0.2798	6,436.594 4		
2027	42.0214	15.9872	23.3559	0.0623	3.2256	0.5589	3.7846	0.8672	0.5259	1.3931	0.0000	6,238.831 0	6,238.831 0	0.7189	0.2725	6,337.613 6		
Maximum	42.0214	28.1349	26.7846	0.0641	9.0206	1.1327	10.1091	4.5931	1.0421	5.5946	0.0000	6,335.579 7	6,335.579 7	1.9491	0.2798	6,436.594 4		

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## Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Summer

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

	ROG	NOx	СО	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	46.89	0.00	43.76	50.44	0.00	44.29	0.00	0.00	0.00	0.00	0.00	0.00

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#### Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Summer

#### 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	10.6033	5.3321	27.2695	0.0335		0.5470	0.5470		0.5470	0.5470	0.0000	6,482.951 0	6,482.951 0	0.1670	0.1180	6,522.297 2		
Energy	0.0654	0.5585	0.2377	3.5600e- 003		0.0452	0.0452		0.0452	0.0452		712.9474	712.9474	0.0137	0.0131	717.1841		
Mobile	4.6975	4.5211	41.9586	0.0948	10.9626	0.0684	11.0311	2.9201	0.0638	2.9839		9,661.887 7	9,661.887 7	0.6402	0.4035	9,798.137 1		
Total	15.3662	10.4117	69.4658	0.1318	10.9626	0.6606	11.6232	2.9201	0.6559	3.5760	0.0000	16,857.78 60	16,857.78 60	0.8208	0.5346	17,037.61 83		

#### **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	10.6033	5.3321	27.2695	0.0335		0.5470	0.5470		0.5470	0.5470	0.0000	6,482.951 0	6,482.951 0	0.1670	0.1180	6,522.297 2		
Energy	0.0654	0.5585	0.2377	3.5600e- 003	 	0.0452	0.0452		0.0452	0.0452		712.9474	712.9474	0.0137	0.0131	717.1841		
Mobile	4.6975	4.5211	41.9586	0.0948	10.9626	0.0684	11.0311	2.9201	0.0638	2.9839		9,661.887 7	9,661.887 7	0.6402	0.4035	9,798.137 1		
Total	15.3662	10.4117	69.4658	0.1318	10.9626	0.6606	11.6232	2.9201	0.6559	3.5760	0.0000	16,857.78 60	16,857.78 60	0.8208	0.5346	17,037.61 83		

# Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Summer

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

	ROG	NOx	СО	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	Site Preparation	Site Preparation	6/1/2026	6/12/2026	5	10	
2	Grading	Grading	6/13/2026	7/24/2026	5	30	
3	Building Construction	Building Construction	7/25/2026	9/17/2027	5	300	
4	Paving	Paving	9/18/2027	10/15/2027	5	20	
5	Architectural Coating	Architectural Coating	10/16/2027	11/12/2027	5	20	

Acres of Grading (Site Preparation Phase): 15

Acres of Grading (Grading Phase): 90

Acres of Paving: 5.92

Residential Indoor: 615,600; Residential Outdoor: 205,200; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 15,792 (Architectural Coating – sqft)

# **OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48

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

Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
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
Site Preparation	7	18.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	330.00	76.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	16.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	66.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

# **3.1 Mitigation Measures Construction**

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

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# Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Summer

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

# 3.2 Site Preparation - 2026

# **Unmitigated Construction On-Site**

	ROG	NOx	СО	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/d	day							lb/d	day		
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999		3,689.103 7	3,689.103 7	1.1931		3,718.932 0
Total	2.4727	25.2339	17.9118	0.0381	19.6570	1.0868	20.7438	10.1025	0.9999	11.1023		3,689.103 7	3,689.103 7	1.1931		3,718.932 0

	ROG	NOx	СО	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/d	day							lb/d	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
1	4.3400e- 003	0.1668	0.0586	7.7000e- 004	0.0271	1.0400e- 003	0.0281	7.8000e- 003	9.9000e- 004	8.7900e- 003		83.5919	83.5919	2.8800e- 003	0.0121	87.2672
Worker	0.0411	0.0227	0.3554	1.1800e- 003	0.1479	6.9000e- 004	0.1486	0.0392	6.3000e- 004	0.0399		119.5014	119.5014	2.7100e- 003	2.7300e- 003	120.3829
Total	0.0454	0.1895	0.4140	1.9500e- 003	0.1750	1.7300e- 003	0.1767	0.0470	1.6200e- 003	0.0486		203.0933	203.0933	5.5900e- 003	0.0148	207.6501

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# Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Summer

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

# 3.2 Site Preparation - 2026

# **Mitigated Construction On-Site**

	ROG	NOx	СО	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/d	day							lb/d	lay		
Fugitive Dust					8.8457	0.0000	8.8457	4.5461	0.0000	4.5461			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999	0.0000	3,689.103 7	3,689.103 7	1.1931	     	3,718.932 0
Total	2.4727	25.2339	17.9118	0.0381	8.8457	1.0868	9.9324	4.5461	0.9999	5.5460	0.0000	3,689.103 7	3,689.103 7	1.1931		3,718.932 0

	ROG	NOx	СО	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/d	day							lb/d	lay		
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	4.3400e- 003	0.1668	0.0586	7.7000e- 004	0.0271	1.0400e- 003	0.0281	7.8000e- 003	9.9000e- 004	8.7900e- 003		83.5919	83.5919	2.8800e- 003	0.0121	87.2672
Worker	0.0411	0.0227	0.3554	1.1800e- 003	0.1479	6.9000e- 004	0.1486	0.0392	6.3000e- 004	0.0399		119.5014	119.5014	2.7100e- 003	2.7300e- 003	120.3829
Total	0.0454	0.1895	0.4140	1.9500e- 003	0.1750	1.7300e- 003	0.1767	0.0470	1.6200e- 003	0.0486		203.0933	203.0933	5.5900e- 003	0.0148	207.6501

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# Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Summer

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

3.3 Grading - 2026
Unmitigated Construction On-Site

	ROG	NOx	СО	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/d	day							lb/d	day		
Fugitive Dust	 				9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.281 4	6,008.281 4	1.9432		6,056.861 4
Total	2.9012	27.9429	26.3311	0.0621	9.2036	1.1309	10.3345	3.6538	1.0404	4.6942		6,008.281 4	6,008.281 4	1.9432		6,056.861 4

	ROG	NOx	СО	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/d	day							lb/d	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
1	4.3400e- 003	0.1668	0.0586	7.7000e- 004	0.0271	1.0400e- 003	0.0281	7.8000e- 003	9.9000e- 004	8.7900e- 003		83.5919	83.5919	2.8800e- 003	0.0121	87.2672
Worker	0.0457	0.0252	0.3949	1.3100e- 003	0.1643	7.6000e- 004	0.1651	0.0436	7.0000e- 004	0.0443		132.7794	132.7794	3.0200e- 003	3.0300e- 003	133.7588
Total	0.0500	0.1920	0.4535	2.0800e- 003	0.1914	1.8000e- 003	0.1932	0.0514	1.6900e- 003	0.0531		216.3713	216.3713	5.9000e- 003	0.0151	221.0260

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# Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Summer

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

3.3 Grading - 2026

# **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/d	day							lb/c	lay		
Fugitive Dust					4.1416	0.0000	4.1416	1.6442	0.0000	1.6442			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404	0.0000	6,008.281 4	6,008.281 4	1.9432		6,056.861 4
Total	2.9012	27.9429	26.3311	0.0621	4.1416	1.1309	5.2725	1.6442	1.0404	2.6846	0.0000	6,008.281 4	6,008.281 4	1.9432		6,056.861 4

	ROG	NOx	СО	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/d	day							lb/d	lay		
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	4.3400e- 003	0.1668	0.0586	7.7000e- 004	0.0271	1.0400e- 003	0.0281	7.8000e- 003	9.9000e- 004	8.7900e- 003		83.5919	83.5919	2.8800e- 003	0.0121	87.2672
Worker	0.0457	0.0252	0.3949	1.3100e- 003	0.1643	7.6000e- 004	0.1651	0.0436	7.0000e- 004	0.0443		132.7794	132.7794	3.0200e- 003	3.0300e- 003	133.7588
Total	0.0500	0.1920	0.4535	2.0800e- 003	0.1914	1.8000e- 003	0.1932	0.0514	1.6900e- 003	0.0531		216.3713	216.3713	5.9000e- 003	0.0151	221.0260

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# Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Summer

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

# 3.4 Building Construction - 2026 <u>Unmitigated Construction On-Site</u>

	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/d	day							lb/d	day		
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

	ROG	NOx	СО	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/d	day							lb/c	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	0.0824	3.1695	1.1136	0.0147	0.5147	0.0197	0.5345	0.1482	0.0189	0.1671		1,588.245 6	1,588.245 6	0.0547	0.2297	1,658.076 2
Worker	0.7533	0.4160	6.5153	0.0217	2.7109	0.0126	2.7234	0.7191	0.0116	0.7306		2,190.859 7	2,190.859 7	0.0498	0.0501	2,207.020 2
Total	0.8357	3.5854	7.6288	0.0363	3.2256	0.0323	3.2579	0.8672	0.0304	0.8977		3,779.105 4	3,779.105 4	0.1045	0.2798	3,865.096 3

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# Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Summer

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

# 3.4 Building Construction - 2026

# **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/d	day							lb/d	lay		
	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276	1 1 1	0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

	ROG	NOx	СО	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/d	day							lb/d	lay		
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	0.0824	3.1695	1.1136	0.0147	0.5147	0.0197	0.5345	0.1482	0.0189	0.1671		1,588.245 6	1,588.245 6	0.0547	0.2297	1,658.076 2
Worker	0.7533	0.4160	6.5153	0.0217	2.7109	0.0126	2.7234	0.7191	0.0116	0.7306		2,190.859 7	2,190.859 7	0.0498	0.0501	2,207.020 2
Total	0.8357	3.5854	7.6288	0.0363	3.2256	0.0323	3.2579	0.8672	0.0304	0.8977		3,779.105 4	3,779.105 4	0.1045	0.2798	3,865.096 3

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# Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Summer

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

# 3.4 Building Construction - 2027 <u>Unmitigated Construction On-Site</u>

	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/d	day							lb/c	lay		
	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

	ROG	NOx	СО	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/d	day							lb/d	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	0.0806	3.1357	1.1024	0.0143	0.5147	0.0196	0.5343	0.1482	0.0187	0.1669		1,555.389 5	1,555.389 5	0.0560	0.2250	1,623.822 3
Worker	0.7120	0.3818	6.1689	0.0210	2.7109	0.0118	2.7227	0.7191	0.0109	0.7299		2,126.967 2	2,126.967 2	0.0457	0.0476	2,142.293 2
Total	0.7925	3.5175	7.2713	0.0354	3.2256	0.0314	3.2570	0.8672	0.0296	0.8968		3,682.356 6	3,682.356 6	0.1017	0.2725	3,766.115 5

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# Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Summer

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

# 3.4 Building Construction - 2027 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/d	day							lb/d	day		
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

	ROG	NOx	СО	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/d	day							lb/d	lay		
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	0.0806	3.1357	1.1024	0.0143	0.5147	0.0196	0.5343	0.1482	0.0187	0.1669		1,555.389 5	1,555.389 5	0.0560	0.2250	1,623.822 3
Worker	0.7120	0.3818	6.1689	0.0210	2.7109	0.0118	2.7227	0.7191	0.0109	0.7299		2,126.967 2	2,126.967 2	0.0457	0.0476	2,142.293 2
Total	0.7925	3.5175	7.2713	0.0354	3.2256	0.0314	3.2570	0.8672	0.0296	0.8968		3,682.356 6	3,682.356 6	0.1017	0.2725	3,766.115 5

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# Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Summer

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

3.5 Paving - 2027
<u>Unmitigated Construction On-Site</u>

	ROG	NOx	СО	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/d	day							lb/d	day		
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.7755					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.6907	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8

	ROG	NOx	СО	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/d	day							lb/d	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	4.2400e- 003	0.1650	0.0580	7.5000e- 004	0.0271	1.0300e- 003	0.0281	7.8000e- 003	9.8000e- 004	8.7800e- 003		81.8626	81.8626	2.9400e- 003	0.0118	85.4643
Worker	0.0345	0.0185	0.2991	1.0200e- 003	0.1314	5.7000e- 004	0.1320	0.0349	5.3000e- 004	0.0354		103.1257	103.1257	2.2200e- 003	2.3100e- 003	103.8688
Total	0.0388	0.1836	0.3571	1.7700e- 003	0.1585	1.6000e- 003	0.1601	0.0427	1.5100e- 003	0.0442		184.9883	184.9883	5.1600e- 003	0.0142	189.3331

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# Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Summer

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

3.5 Paving - 2027

<u>Mitigated Construction On-Site</u>

	ROG	NOx	СО	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/d	day							lb/c	day		
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.7755					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.6907	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8

	ROG	NOx	СО	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/d	day							lb/d	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	4.2400e- 003	0.1650	0.0580	7.5000e- 004	0.0271	1.0300e- 003	0.0281	7.8000e- 003	9.8000e- 004	8.7800e- 003		81.8626	81.8626	2.9400e- 003	0.0118	85.4643
Worker	0.0345	0.0185	0.2991	1.0200e- 003	0.1314	5.7000e- 004	0.1320	0.0349	5.3000e- 004	0.0354		103.1257	103.1257	2.2200e- 003	2.3100e- 003	103.8688
Total	0.0388	0.1836	0.3571	1.7700e- 003	0.1585	1.6000e- 003	0.1601	0.0427	1.5100e- 003	0.0442		184.9883	184.9883	5.1600e- 003	0.0142	189.3331

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# Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Summer

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

# 3.6 Architectural Coating - 2027 Unmitigated Construction On-Site

	ROG	NOx	СО	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/d	day							lb/d	day		
Archit. Coating	41.7039					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e- 003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	41.8747	1.1455	1.8091	2.9700e- 003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

	ROG	NOx	СО	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/o	day							lb/d	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
'0	4.2400e- 003	0.1650	0.0580	7.5000e- 004	0.0271	1.0300e- 003	0.0281	7.8000e- 003	9.8000e- 004	8.7800e- 003		81.8626	81.8626	2.9400e- 003	0.0118	85.4643
Worker	0.1424	0.0764	1.2338	4.2100e- 003	0.5422	2.3600e- 003	0.5445	0.1438	2.1800e- 003	0.1460		425.3934	425.3934	9.1400e- 003	9.5200e- 003	428.4587
Total	0.1466	0.2414	1.2918	4.9600e- 003	0.5693	3.3900e- 003	0.5727	0.1516	3.1600e- 003	0.1548		507.2560	507.2560	0.0121	0.0214	513.9230

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# Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Summer

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

# 3.6 Architectural Coating - 2027 Mitigated Construction On-Site

	ROG	NOx	СО	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/d	day							lb/d	day		
Archit. Coating	41.7039					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e- 003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	41.8747	1.1455	1.8091	2.9700e- 003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

	ROG	NOx	СО	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/e	day							lb/d	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
-	4.2400e- 003	0.1650	0.0580	7.5000e- 004	0.0271	1.0300e- 003	0.0281	7.8000e- 003	9.8000e- 004	8.7800e- 003		81.8626	81.8626	2.9400e- 003	0.0118	85.4643
Worker	0.1424	0.0764	1.2338	4.2100e- 003	0.5422	2.3600e- 003	0.5445	0.1438	2.1800e- 003	0.1460		425.3934	425.3934	9.1400e- 003	9.5200e- 003	428.4587
Total	0.1466	0.2414	1.2918	4.9600e- 003	0.5693	3.3900e- 003	0.5727	0.1516	3.1600e- 003	0.1548		507.2560	507.2560	0.0121	0.0214	513.9230

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Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Summer

# 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	СО	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/d	day							lb/c	day		
Mitigated	4.6975	4.5211	41.9586	0.0948	10.9626	0.0684	11.0311	2.9201	0.0638	2.9839		9,661.887 7	9,661.887 7	0.6402	0.4035	9,798.137 1
Unmitigated	4.6975	4.5211	41.9586	0.0948	10.9626	0.0684	11.0311	2.9201	0.0638	2.9839		9,661.887 7	9,661.887 7	0.6402	0.4035	9,798.137 1

# **4.2 Trip Summary Information**

	Avei	age Daily Trip Ra	ate	Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	912.00	912.00	912.00	2,604,037	2,604,037
Condo/Townhouse High Rise	912.00	912.00	912.00	2,604,037	2,604,037
Parking Lot	0.00	0.00	0.00		
Total	1,824.00	1,824.00	1,824.00	5,208,073	5,208,073

# 4.3 Trip Type Information

		Miles			Trip %			Trip Purpos	e %
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
Apartments Mid Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
Condo/Townhouse High Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Summer

# 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
Apartments Mid Rise	0.568480	0.062094	0.174123	0.115064	0.023357	0.006399	0.009361	0.006325	0.000693	0.000596	0.028205	0.000919	0.004383
Condo/Townhouse High Rise	0.568480	0.062094	0.174123	0.115064	0.023357	0.006399	0.009361	0.006325	0.000693	0.000596	0.028205	0.000919	0.004383
Parking Lot	0.568480	0.062094	0.174123	0.115064	0.023357	0.006399	0.009361	0.006325	0.000693	0.000596	0.028205	0.000919	0.004383

# 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/d	day							lb/d	lay		
NaturalGas Mitigated	0.0654	0.5585	0.2377	3.5600e- 003		0.0452	0.0452		0.0452	0.0452		712.9474	712.9474	0.0137	0.0131	717.1841
NaturalGas Unmitigated	0.0654	0.5585	0.2377	3.5600e- 003		0.0452	0.0452		0.0452	0.0452		712.9474	712.9474	0.0137	0.0131	717.1841

Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Summer

# 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**

	NaturalGa s Use	ROG	NOx	СО	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/d	day							lb/d	day		
Apartments Mid Rise	3030.03	0.0327	0.2792	0.1188	1.7800e- 003		0.0226	0.0226		0.0226	0.0226		356.4737	356.4737	6.8300e- 003	6.5400e- 003	358.5920
Condo/Townhous e High Rise	3030.03	0.0327	0.2792	0.1188	1.7800e- 003		0.0226	0.0226		0.0226	0.0226		356.4737	356.4737	6.8300e- 003	6.5400e- 003	358.5920
Parking Lot	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		0.0654	0.5585	0.2376	3.5600e- 003		0.0452	0.0452		0.0452	0.0452		712.9474	712.9474	0.0137	0.0131	717.1841

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# 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**

	NaturalGa s 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/d	day							lb/d	lay		
Apartments Mid Rise	3.03003	0.0327	0.2792	0.1188	1.7800e- 003		0.0226	0.0226		0.0226	0.0226		356.4737	356.4737	6.8300e- 003	6.5400e- 003	358.5920
Condo/Townhous e High Rise	3.03003	0.0327	0.2792	0.1188	1.7800e- 003		0.0226	0.0226		0.0226	0.0226		356.4737	356.4737	6.8300e- 003	6.5400e- 003	358.5920
Parking Lot	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		0.0654	0.5585	0.2376	3.5600e- 003		0.0452	0.0452		0.0452	0.0452		712.9474	712.9474	0.0137	0.0131	717.1841

# 6.0 Area Detail

# **6.1 Mitigation Measures Area**

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use only Natural Gas Hearths

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# Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Summer

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

	ROG	NOx	СО	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/d	day							lb/c	lay		
Mitigated	10.6033	5.3321	27.2695	0.0335		0.5470	0.5470		0.5470	0.5470	0.0000	6,482.951 0	6,482.951 0	0.1670	0.1180	6,522.297 2
Unmitigated	10.6033	5.3321	27.2695	0.0335		0.5470	0.5470		0.5470	0.5470	0.0000	6,482.951 0	6,482.951 0	0.1670	0.1180	6,522.297 2

# 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	2.6559					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	6.5988				 	0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.5901	5.0428	2.1459	0.0322		0.4077	0.4077		0.4077	0.4077	0.0000	6,437.647 1	6,437.647 1	0.1234	0.1180	6,475.902 8
Landscaping	0.7585	0.2892	25.1236	1.3300e- 003		0.1393	0.1393		0.1393	0.1393		45.3039	45.3039	0.0436		46.3944
Total	10.6033	5.3321	27.2695	0.0335		0.5470	0.5470		0.5470	0.5470	0.0000	6,482.951 0	6,482.951 0	0.1670	0.1180	6,522.297 2

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Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Summer

# 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	СО	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	2.6559		 			0.0000	0.0000	1 1 1	0.0000	0.0000		i i	0.0000			0.0000
Products	6.5988				     	0.0000	0.0000	 	0.0000	0.0000		i i	0.0000		 	0.0000
Hearth	0.5901	5.0428	2.1459	0.0322	     	0.4077	0.4077	 	0.4077	0.4077	0.0000	6,437.647 1	6,437.647 1	0.1234	0.1180	6,475.902 8
Landscaping	0.7585	0.2892	25.1236	1.3300e- 003	       	0.1393	0.1393	       	0.1393	0.1393		45.3039	45.3039	0.0436		46.3944
Total	10.6033	5.3321	27.2695	0.0335		0.5470	0.5470		0.5470	0.5470	0.0000	6,482.951 0	6,482.951 0	0.1670	0.1180	6,522.297 2

# 7.0 Water Detail

# 7.1 Mitigation Measures Water

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Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Summer

# 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**

# 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

Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Winter

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

# Reduced Pacific Specific Plan Project Alternative Mitigated

San Diego County APCD Air District, Winter

# 1.0 Project Characteristics

#### 1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	658.00	Space	5.92	263,200.00	0
Apartments Mid Rise	152.00	Dwelling Unit	4.00	152,000.00	435
Condo/Townhouse High Rise	152.00	Dwelling Unit	2.38	152,000.00	435

(lb/MWhr)

#### 1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2027
Utility Company	San Diego Gas & Electric				
CO2 Intensity	539.98	CH4 Intensity	0.033	N2O Intensity	0.004

(lb/MWhr)

#### 1.3 User Entered Comments & Non-Default Data

Project Characteristics -

(lb/MWhr)

Land Use - Based on site plan.

Construction Phase - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

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#### Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Winter

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

Off-road Equipment - CalEEMod defaults.

Trips and VMT - CalEEMod defaults. Odd trips were rounded up to account for whole round trips.

On-road Fugitive Dust - CalEEMod defaults.

Grading - CalEEMod defaults.

Architectural Coating - MM-AQ-1, 10 g/l VOC contenct for interior, 50 g/l for exterior, 100 g/l for parking.

Vehicle Trips - Based on TIA.

Woodstoves - Natural gas fireplaces in all units.

Consumer Products - CalEEMod defaults.

Area Coating - MM-AQ-1, 10 g/l VOC contenct for interior, 50 g/l for exterior, 100 g/l for parking.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

Construction Off-road Equipment Mitigation - In accordance with SDAPCD Rule 55.

Area Mitigation - MM-AQ-1, 10 g/l VOC contenct for interior, 50 g/l for exterior, 100 g/l for parking. No wood burning fireplaces.

**Energy Mitigation -**

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	10.00
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00

# Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Winter

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

tblFireplaces	NumberGas	83.60	152.00
tblFireplaces	NumberGas	83.60	152.00
tblFireplaces	NumberNoFireplace	15.20	0.00
tblFireplaces	NumberNoFireplace	15.20	0.00
tblFireplaces	NumberWood	53.20	0.00
tblFireplaces	NumberWood	53.20	0.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	329.00	330.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblVehicleTrips	ST_TR	4.91	6.00
tblVehicleTrips	ST_TR	4.91	6.00
tblVehicleTrips	SU_TR	4.09	6.00
tblVehicleTrips	SU_TR	4.09	6.00
tblVehicleTrips	WD_TR	5.44	6.00
tblVehicleTrips	WD_TR	5.44	6.00
tblWoodstoves	NumberCatalytic	7.60	0.00
tblWoodstoves	NumberCatalytic	7.60	0.00
tblWoodstoves	NumberNoncatalytic	7.60	0.00
tblWoodstoves	NumberNoncatalytic	7.60	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

# 2.0 Emissions Summary

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# Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Winter

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

# 2.1 Overall Construction (Maximum Daily Emission)

# **Unmitigated Construction**

	ROG	NOx	СО	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/d	day							lb/c	lay		
2026	2.9553	28.1451	26.7685	0.0641	19.8320	1.1327	20.9205	10.1495	1.0421	11.1510	0.0000	6,218.269 7	6,218.269 7	1.9493	0.2844	6,320.731 1
2027	42.0347	16.1683	23.1167	0.0612	3.2256	0.5590	3.7846	0.8672	0.5259	1.3932	0.0000	6,125.113 9	6,125.113 9	0.7190	0.2769	6,225.273 1
Maximum	42.0347	28.1451	26.7685	0.0641	19.8320	1.1327	20.9205	10.1495	1.0421	11.1510	0.0000	6,218.269 7	6,218.269 7	1.9493	0.2844	6,320.731 1

# **Mitigated Construction**

	ROG	NOx	СО	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/d	day							lb/c	lay		
2026	2.9553	28.1451	26.7685	0.0641	9.0206	1.1327	10.1091	4.5931	1.0421	5.5946	0.0000	6,218.269 7	6,218.269 7	1.9493	0.2844	6,320.731 1
2027	42.0347	16.1683	23.1167	0.0612	3.2256	0.5590	3.7846	0.8672	0.5259	1.3932	0.0000	6,125.113 9	6,125.113 9	0.7190	0.2769	6,225.273 1
Maximum	42.0347	28.1451	26.7685	0.0641	9.0206	1.1327	10.1091	4.5931	1.0421	5.5946	0.0000	6,218.269 7	6,218.269 7	1.9493	0.2844	6,320.731 1

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# Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Winter

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

	ROG	NOx	СО	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	46.89	0.00	43.76	50.44	0.00	44.29	0.00	0.00	0.00	0.00	0.00	0.00

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# Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, 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	СО	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/d	day							lb/d	day		
Area	10.6033	5.3321	27.2695	0.0335		0.5470	0.5470		0.5470	0.5470	0.0000	6,482.951 0	6,482.951 0	0.1670	0.1180	6,522.297 2
Energy	0.0654	0.5585	0.2377	3.5600e- 003		0.0452	0.0452		0.0452	0.0452		712.9474	712.9474	0.0137	0.0131	717.1841
Mobile	4.5749	4.8956	43.1397	0.0906	10.9626	0.0685	11.0311	2.9201	0.0638	2.9839		9,246.568 9	9,246.568 9	0.6743	0.4242	9,389.848 1
Total	15.2436	10.7861	70.6469	0.1277	10.9626	0.6606	11.6232	2.9201	0.6560	3.5760	0.0000	16,442.46 72	16,442.46 72	0.8550	0.5553	16,629.32 94

# **Mitigated Operational**

	ROG	NOx	СО	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/e	day							lb/d	lay		
Area	10.6033	5.3321	27.2695	0.0335		0.5470	0.5470		0.5470	0.5470	0.0000	6,482.951 0	6,482.951 0	0.1670	0.1180	6,522.297 2
Energy	0.0654	0.5585	0.2377	3.5600e- 003		0.0452	0.0452		0.0452	0.0452		712.9474	712.9474	0.0137	0.0131	717.1841
Mobile	4.5749	4.8956	43.1397	0.0906	10.9626	0.0685	11.0311	2.9201	0.0638	2.9839		9,246.568 9	9,246.568 9	0.6743	0.4242	9,389.848 1
Total	15.2436	10.7861	70.6469	0.1277	10.9626	0.6606	11.6232	2.9201	0.6560	3.5760	0.0000	16,442.46 72	16,442.46 72	0.8550	0.5553	16,629.32 94

# Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Winter

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

	ROG	NOx	СО	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	Site Preparation	Site Preparation	6/1/2026	6/12/2026	5	10	
2	Grading	Grading	6/13/2026	7/24/2026	5	30	
3	Building Construction	Building Construction	7/25/2026	9/17/2027	5	300	
4	Paving	Paving	9/18/2027	10/15/2027	5	20	
5	Architectural Coating	Architectural Coating	10/16/2027	11/12/2027	5	20	

Acres of Grading (Site Preparation Phase): 15

Acres of Grading (Grading Phase): 90

Acres of Paving: 5.92

Residential Indoor: 615,600; Residential Outdoor: 205,200; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 15,792 (Architectural Coating – sqft)

# **OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48

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# Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Winter

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

Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
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
Site Preparation	7	18.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	330.00	76.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	16.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	66.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

# **3.1 Mitigation Measures Construction**

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

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# Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Winter

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

# 3.2 Site Preparation - 2026

# **Unmitigated Construction On-Site**

	ROG	NOx	СО	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/d	day							lb/d	day		
Fugitive Dust	1 1 1 1 1				19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999		3,689.103 7	3,689.103 7	1.1931		3,718.932 0
Total	2.4727	25.2339	17.9118	0.0381	19.6570	1.0868	20.7438	10.1025	0.9999	11.1023		3,689.103 7	3,689.103 7	1.1931		3,718.932 0

	ROG	NOx	СО	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/d	day							lb/d	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	4.1800e- 003	0.1739	0.0604	7.7000e- 004	0.0271	1.0400e- 003	0.0281	7.8000e- 003	1.0000e- 003	8.8000e- 003		83.7197	83.7197	2.8700e- 003	0.0121	87.4030
Worker	0.0449	0.0255	0.3393	1.1200e- 003	0.1479	6.9000e- 004	0.1486	0.0392	6.3000e- 004	0.0399		112.9703	112.9703	2.9100e- 003	2.9500e- 003	113.9224
Total	0.0491	0.1994	0.3997	1.8900e- 003	0.1750	1.7300e- 003	0.1767	0.0470	1.6300e- 003	0.0487		196.6899	196.6899	5.7800e- 003	0.0151	201.3253

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# Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Winter

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

# 3.2 Site Preparation - 2026

# **Mitigated Construction On-Site**

	ROG	NOx	СО	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/d	day							lb/d	day		
Fugitive Dust					8.8457	0.0000	8.8457	4.5461	0.0000	4.5461			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999	0.0000	3,689.103 7	3,689.103 7	1.1931		3,718.932 0
Total	2.4727	25.2339	17.9118	0.0381	8.8457	1.0868	9.9324	4.5461	0.9999	5.5460	0.0000	3,689.103 7	3,689.103 7	1.1931		3,718.932 0

	ROG	NOx	СО	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/d	day							lb/d	lay		
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	4.1800e- 003	0.1739	0.0604	7.7000e- 004	0.0271	1.0400e- 003	0.0281	7.8000e- 003	1.0000e- 003	8.8000e- 003		83.7197	83.7197	2.8700e- 003	0.0121	87.4030
Worker	0.0449	0.0255	0.3393	1.1200e- 003	0.1479	6.9000e- 004	0.1486	0.0392	6.3000e- 004	0.0399		112.9703	112.9703	2.9100e- 003	2.9500e- 003	113.9224
Total	0.0491	0.1994	0.3997	1.8900e- 003	0.1750	1.7300e- 003	0.1767	0.0470	1.6300e- 003	0.0487		196.6899	196.6899	5.7800e- 003	0.0151	201.3253

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# Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Winter

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

3.3 Grading - 2026

# **Unmitigated Construction On-Site**

	ROG	NOx	СО	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/d	day							lb/c	lay		
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.281 4	6,008.281 4	1.9432		6,056.861 4
Total	2.9012	27.9429	26.3311	0.0621	9.2036	1.1309	10.3345	3.6538	1.0404	4.6942		6,008.281 4	6,008.281 4	1.9432		6,056.861 4

	ROG	NOx	СО	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/d	day							lb/d	lay		
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	4.1800e- 003	0.1739	0.0604	7.7000e- 004	0.0271	1.0400e- 003	0.0281	7.8000e- 003	1.0000e- 003	8.8000e- 003		83.7197	83.7197	2.8700e- 003	0.0121	87.4030
Worker	0.0499	0.0284	0.3770	1.2400e- 003	0.1643	7.6000e- 004	0.1651	0.0436	7.0000e- 004	0.0443		125.5225	125.5225	3.2300e- 003	3.2800e- 003	126.5804
Total	0.0540	0.2023	0.4374	2.0100e- 003	0.1914	1.8000e- 003	0.1932	0.0514	1.7000e- 003	0.0531		209.2422	209.2422	6.1000e- 003	0.0154	213.9834

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# Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Winter

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

3.3 Grading - 2026

# **Mitigated Construction On-Site**

	ROG	NOx	СО	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/d	day							lb/d	day		
Fugitive Dust					4.1416	0.0000	4.1416	1.6442	0.0000	1.6442			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404	0.0000	6,008.281 4	6,008.281 4	1.9432	       	6,056.861 4
Total	2.9012	27.9429	26.3311	0.0621	4.1416	1.1309	5.2725	1.6442	1.0404	2.6846	0.0000	6,008.281 4	6,008.281	1.9432		6,056.861 4

	ROG	NOx	СО	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/d	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
	4.1800e- 003	0.1739	0.0604	7.7000e- 004	0.0271	1.0400e- 003	0.0281	7.8000e- 003	1.0000e- 003	8.8000e- 003		83.7197	83.7197	2.8700e- 003	0.0121	87.4030
Worker	0.0499	0.0284	0.3770	1.2400e- 003	0.1643	7.6000e- 004	0.1651	0.0436	7.0000e- 004	0.0443		125.5225	125.5225	3.2300e- 003	3.2800e- 003	126.5804
Total	0.0540	0.2023	0.4374	2.0100e- 003	0.1914	1.8000e- 003	0.1932	0.0514	1.7000e- 003	0.0531		209.2422	209.2422	6.1000e- 003	0.0154	213.9834

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# Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Winter

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

# 3.4 Building Construction - 2026 <u>Unmitigated Construction On-Site</u>

	ROG	NOx	СО	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/d	day							lb/d	lay		
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

	ROG	NOx	СО	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/d	day							lb/d	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	0.0795	3.3040	1.1482	0.0147	0.5147	0.0198	0.5345	0.1482	0.0189	0.1671		1,590.674 1	1,590.674 1	0.0545	0.2303	1,660.656 5
Worker	0.8227	0.4677	6.2200	0.0205	2.7109	0.0126	2.7234	0.7191	0.0116	0.7306		2,071.121 2	2,071.121 2	0.0533	0.0541	2,088.576 5
Total	0.9022	3.7717	7.3683	0.0352	3.2256	0.0324	3.2580	0.8672	0.0305	0.8977		3,661.795 3	3,661.795 3	0.1078	0.2844	3,749.233 0

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# Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Winter

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

# 3.4 Building Construction - 2026

# **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/d	day							lb/d	lay		
	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276	 	0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

	ROG	NOx	СО	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/d	day							lb/d	lay		
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	0.0795	3.3040	1.1482	0.0147	0.5147	0.0198	0.5345	0.1482	0.0189	0.1671		1,590.674 1	1,590.674 1	0.0545	0.2303	1,660.656 5
Worker	0.8227	0.4677	6.2200	0.0205	2.7109	0.0126	2.7234	0.7191	0.0116	0.7306		2,071.121 2	2,071.121 2	0.0533	0.0541	2,088.576 5
Total	0.9022	3.7717	7.3683	0.0352	3.2256	0.0324	3.2580	0.8672	0.0305	0.8977		3,661.795 3	3,661.795 3	0.1078	0.2844	3,749.233 0

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# Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Winter

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

# 3.4 Building Construction - 2027 <u>Unmitigated Construction On-Site</u>

	ROG	NOx	СО	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/d	day							lb/c	lay		
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

	ROG	NOx	СО	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/d	day							lb/c	lay		
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	0.0775	3.2693	1.1368	0.0144	0.5147	0.0196	0.5344	0.1482	0.0188	0.1670		1,557.813 7	1,557.813 7	0.0557	0.2255	1,626.395 4
Worker	0.7793	0.4293	5.8953	0.0199	2.7109	0.0118	2.7227	0.7191	0.0109	0.7299		2,010.825 8	2,010.825 8	0.0490	0.0514	2,027.379 6
Total	0.8568	3.6986	7.0320	0.0342	3.2256	0.0315	3.2571	0.8672	0.0297	0.8969		3,568.639 5	3,568.639 5	0.1047	0.2769	3,653.775 0

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#### Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Winter

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

# 3.4 Building Construction - 2027

**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/d	day							lb/c	lay		
	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

#### **Mitigated Construction Off-Site**

	ROG	NOx	СО	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/d	day							lb/c	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	0.0775	3.2693	1.1368	0.0144	0.5147	0.0196	0.5344	0.1482	0.0188	0.1670		1,557.813 7	1,557.813 7	0.0557	0.2255	1,626.395 4
Worker	0.7793	0.4293	5.8953	0.0199	2.7109	0.0118	2.7227	0.7191	0.0109	0.7299		2,010.825 8	2,010.825 8	0.0490	0.0514	2,027.379 6
Total	0.8568	3.6986	7.0320	0.0342	3.2256	0.0315	3.2571	0.8672	0.0297	0.8969		3,568.639 5	3,568.639 5	0.1047	0.2769	3,653.775 0

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#### Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Winter

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

3.5 Paving - 2027
<u>Unmitigated Construction On-Site</u>

	ROG	NOx	СО	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/d	day							lb/d	day		
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.7755					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.6907	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8

#### **Unmitigated Construction Off-Site**

	ROG	NOx	СО	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/d	day							lb/d	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
	4.0800e- 003	0.1721	0.0598	7.6000e- 004	0.0271	1.0300e- 003	0.0281	7.8000e- 003	9.9000e- 004	8.7900e- 003		81.9902	81.9902	2.9300e- 003	0.0119	85.5998
Worker	0.0378	0.0208	0.2858	9.6000e- 004	0.1314	5.7000e- 004	0.1320	0.0349	5.3000e- 004	0.0354		97.4946	97.4946	2.3800e- 003	2.4900e- 003	98.2972
Total	0.0419	0.1929	0.3457	1.7200e- 003	0.1585	1.6000e- 003	0.1601	0.0427	1.5200e- 003	0.0442		179.4848	179.4848	5.3100e- 003	0.0144	183.8970

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#### Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Winter

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

3.5 Paving - 2027

<u>Mitigated Construction On-Site</u>

	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/d	day							lb/d	day		
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.7755	 	]			0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.6907	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8

#### **Mitigated Construction Off-Site**

	ROG	NOx	СО	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/d	day							lb/d	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	4.0800e- 003	0.1721	0.0598	7.6000e- 004	0.0271	1.0300e- 003	0.0281	7.8000e- 003	9.9000e- 004	8.7900e- 003		81.9902	81.9902	2.9300e- 003	0.0119	85.5998
Worker	0.0378	0.0208	0.2858	9.6000e- 004	0.1314	5.7000e- 004	0.1320	0.0349	5.3000e- 004	0.0354		97.4946	97.4946	2.3800e- 003	2.4900e- 003	98.2972
Total	0.0419	0.1929	0.3457	1.7200e- 003	0.1585	1.6000e- 003	0.1601	0.0427	1.5200e- 003	0.0442		179.4848	179.4848	5.3100e- 003	0.0144	183.8970

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#### Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Winter

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

# 3.6 Architectural Coating - 2027 <u>Unmitigated Construction On-Site</u>

	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/d	day							lb/d	day		
Archit. Coating	41.7039					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e- 003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	41.8747	1.1455	1.8091	2.9700e- 003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

#### **Unmitigated Construction Off-Site**

	ROG	NOx	СО	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/d	day							lb/d	lay		
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	4.0800e- 003	0.1721	0.0598	7.6000e- 004	0.0271	1.0300e- 003	0.0281	7.8000e- 003	9.9000e- 004	8.7900e- 003		81.9902	81.9902	2.9300e- 003	0.0119	85.5998
Worker	0.1559	0.0859	1.1791	3.9800e- 003	0.5422	2.3600e- 003	0.5445	0.1438	2.1800e- 003	0.1460		402.1652	402.1652	9.8100e- 003	0.0103	405.4759
Total	0.1599	0.2579	1.2389	4.7400e- 003	0.5693	3.3900e- 003	0.5727	0.1516	3.1700e- 003	0.1548		484.1554	484.1554	0.0127	0.0222	491.0757

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#### Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Winter

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

# 3.6 Architectural Coating - 2027 Mitigated Construction On-Site

	ROG	NOx	СО	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/d	day							lb/c	lay		
Archit. Coating	41.7039					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e- 003	 	0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154	     	281.8319
Total	41.8747	1.1455	1.8091	2.9700e- 003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

#### **Mitigated Construction Off-Site**

	ROG	NOx	СО	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/d	day							lb/d	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	4.0800e- 003	0.1721	0.0598	7.6000e- 004	0.0271	1.0300e- 003	0.0281	7.8000e- 003	9.9000e- 004	8.7900e- 003		81.9902	81.9902	2.9300e- 003	0.0119	85.5998
Worker	0.1559	0.0859	1.1791	3.9800e- 003	0.5422	2.3600e- 003	0.5445	0.1438	2.1800e- 003	0.1460		402.1652	402.1652	9.8100e- 003	0.0103	405.4759
Total	0.1599	0.2579	1.2389	4.7400e- 003	0.5693	3.3900e- 003	0.5727	0.1516	3.1700e- 003	0.1548		484.1554	484.1554	0.0127	0.0222	491.0757

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#### Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Winter

#### 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	СО	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/d	day							lb/d	day		
Mitigated	4.5749	4.8956	43.1397	0.0906	10.9626	0.0685	11.0311	2.9201	0.0638	2.9839		9,246.568 9	9,246.568 9	0.6743	0.4242	9,389.848 1
Unmitigated	4.5749	4.8956	43.1397	0.0906	10.9626	0.0685	11.0311	2.9201	0.0638	2.9839		9,246.568 9	9,246.568 9	0.6743	0.4242	9,389.848 1

#### **4.2 Trip Summary Information**

	Avei	age Daily Trip Ra	ite	Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	912.00	912.00	912.00	2,604,037	2,604,037
Condo/Townhouse High Rise	912.00	912.00	912.00	2,604,037	2,604,037
Parking Lot	0.00	0.00	0.00		
Total	1,824.00	1,824.00	1,824.00	5,208,073	5,208,073

#### **4.3 Trip Type Information**

		Miles			Trip %			Trip Purpos	e %
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
Apartments Mid Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
Condo/Townhouse High Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

#### Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Winter

#### 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	МН
Apartments Mid Rise	0.568480	0.062094	0.174123	0.115064	0.023357	0.006399	0.009361	0.006325	0.000693	0.000596	0.028205	0.000919	0.004383
Condo/Townhouse High Rise	0.568480	0.062094	0.174123	0.115064	0.023357	0.006399	0.009361	0.006325	0.000693	0.000596	0.028205	0.000919	0.004383
Parking Lot	0.568480	0.062094	0.174123	0.115064	0.023357	0.006399	0.009361	0.006325	0.000693	0.000596	0.028205	0.000919	0.004383

#### 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/d	day							lb/d	day		
NaturalGas Mitigated	0.0654	0.5585	0.2377	3.5600e- 003		0.0452	0.0452		0.0452	0.0452		712.9474	712.9474	0.0137	0.0131	717.1841
Unmitigated	0.0654	0.5585	0.2377	3.5600e- 003		0.0452	0.0452	 	0.0452	0.0452		712.9474	712.9474	0.0137	0.0131	717.1841

Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, 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**

	NaturalGa s Use	ROG	NOx	СО	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/d	day			
Apartments Mid Rise	3030.03	0.0327	0.2792	0.1188	1.7800e- 003		0.0226	0.0226		0.0226	0.0226		356.4737	356.4737	6.8300e- 003	6.5400e- 003	358.5920
Condo/Townhous e High Rise	3030.03	0.0327	0.2792	0.1188	1.7800e- 003		0.0226	0.0226	 	0.0226	0.0226		356.4737	356.4737	6.8300e- 003	6.5400e- 003	358.5920
Parking Lot	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		0.0654	0.5585	0.2376	3.5600e- 003		0.0452	0.0452		0.0452	0.0452		712.9474	712.9474	0.0137	0.0131	717.1841

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Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, 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

#### **Mitigated**

	NaturalGa s 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/d	day							lb/d	day		
Apartments Mid Rise	3.03003	0.0327	0.2792	0.1188	1.7800e- 003		0.0226	0.0226		0.0226	0.0226		356.4737	356.4737	6.8300e- 003	6.5400e- 003	358.5920
Condo/Townhous e High Rise	3.03003	0.0327	0.2792	0.1188	1.7800e- 003		0.0226	0.0226		0.0226	0.0226		356.4737	356.4737	6.8300e- 003	6.5400e- 003	358.5920
Parking Lot	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		0.0654	0.5585	0.2376	3.5600e- 003		0.0452	0.0452		0.0452	0.0452		712.9474	712.9474	0.0137	0.0131	717.1841

#### 6.0 Area Detail

# **6.1 Mitigation Measures Area**

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use only Natural Gas Hearths

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#### Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Winter

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

	ROG	NOx	СО	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	gory Ib/day											lb/c	lay			
Mitigated	10.6033	5.3321	27.2695	0.0335		0.5470	0.5470		0.5470	0.5470	0.0000	6,482.951 0	6,482.951 0	0.1670	0.1180	6,522.297 2
Unmitigated	10.6033	5.3321	27.2695	0.0335		0.5470	0.5470		0.5470	0.5470	0.0000	6,482.951 0	6,482.951 0	0.1670	0.1180	6,522.297 2

# 6.2 Area by SubCategory

#### **Unmitigated**

	ROG	NOx	СО	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/d	lay			
Architectural Coating	2.6559					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	6.5988					0.0000	0.0000		0.0000	0.0000		!	0.0000	<del></del>		0.0000
Hearth	0.5901	5.0428	2.1459	0.0322		0.4077	0.4077		0.4077	0.4077	0.0000	6,437.647 1	6,437.647 1	0.1234	0.1180	6,475.902 8
Landscaping	0.7585	0.2892	25.1236	1.3300e- 003		0.1393	0.1393		0.1393	0.1393		45.3039	45.3039	0.0436		46.3944
Total	10.6033	5.3321	27.2695	0.0335		0.5470	0.5470		0.5470	0.5470	0.0000	6,482.951 0	6,482.951 0	0.1670	0.1180	6,522.297 2

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Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Winter

#### 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/d	day							lb/d	lay		
Architectural Coating	2.6559		i i	i i i		0.0000	0.0000	1 1 1	0.0000	0.0000		i i i	0.0000			0.0000
Products	6.5988		1 1 1	       	       	0.0000	0.0000	 	0.0000	0.0000		 	0.0000		       	0.0000
Hearth	0.5901	5.0428	2.1459	0.0322	       	0.4077	0.4077	 	0.4077	0.4077	0.0000	6,437.647 1	6,437.647 1	0.1234	0.1180	6,475.902 8
Landscaping	0.7585	0.2892	25.1236	1.3300e- 003	       	0.1393	0.1393	 	0.1393	0.1393		45.3039	45.3039	0.0436	       	46.3944
Total	10.6033	5.3321	27.2695	0.0335		0.5470	0.5470		0.5470	0.5470	0.0000	6,482.951 0	6,482.951 0	0.1670	0.1180	6,522.297 2

#### 7.0 Water Detail

#### 7.1 Mitigation Measures Water

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Reduced Pacific Specific Plan Project Alternative Mitigated - San Diego County APCD Air District, Winter

#### 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**

#### 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
Equipment Type	Number	rieat iriput/bay	rieat iriput/ real	Boller Rating	Fuel Type

#### **User Defined Equipment**

Equipment Type	Number

#### 11.0 Vegetation



Caution: Photovoltaic system performance predictions calculated by PVWatts<sup>®</sup> include many inherent assumptions and uncertainties and do not reflect variations between PV technologies nor site-specific characteristics except as represented by PVWatts<sup>®</sup> inputs. For example, PV modules with better performance are not differentiated within PVWatts<sup>®</sup> from lesser performing modules. Both NREL and private companies provide more sophisticated PV modeling tools (such as the System Advisor Model at https://sam.nrel.gov) that allow for more precise and complex modeling of PV systems.

The expected range is based on 30 years of actual weather data at the given location and is intended to provide an indication of the variation you might see. For more information, please refer to this NREL report: The Error Report.

Disclaimer: The PVWatts<sup>®</sup> Model ("Model") is provided by the National Renewable Energy Laboratory ("NREL"), which is operated by the Alliance for Sustainable Energy, LLC ("Alliance") for the U.S. Department Of Energy ("DOE") and may be used for any purpose whatsoever.

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The energy output range is based on analysis of 30 years of historical weather data, and is intended to provide an indication of the possible interannual variability in generation for a Fixed (open rack) PV system at this location.

# RESUITS

# 1,615,810 kWh/Year\*

System output may range from 1,553,117 to 1,625,990 kWh per year near this location.

Month	Solar Radiation (kWh/m <sup>2</sup> /day)	AC Energy (kWh)
January	4.71	111,831
February	5.10	108,862
March	6.04	139,825
April	6.49	144,169
May	6.60	148,964
June	7.09	152,736
July	7.29	162,087
August	7.43	163,569
September	6.54	141,616
October	5.73	129,070
November	4.91	110,486
December	4.27	102,595
nnual	6.02	1,615,810

#### **Location and Station Identification**

Requested Location san marcos, ca

Weather Data Source Lat, Lng: 33.13, -117.18 1.4 m

Latitude 33.13° N
Longitude 117.18° W

#### **PV System Specifications**

DC System Size 960 kW

Module Type Standard

Array Type Fixed (open rack)

System Losses 14.08%

Array Tilt 20°

Array Azimuth 180°

DC to AC Size Ratio 1.2

Inverter Efficiency 96%

Ground Coverage Ratio 0.4%

Albedo From weather file

Bifacial No (0)

Jan Feb Mar Apr May June July Aug Sept Oct Nov Dec Monthly Irradiance Loss 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%

#### **Performance Metrics**

DC Capacity Factor

19.2%

# **Attachment B**Construction HRA Output Files

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Reduced Pacific Specific Plan Project Alternative HRA - San Diego County APCD Air District, Annual

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

#### Reduced Pacific Specific Plan Project Alternative HRA

San Diego County APCD Air District, Annual

#### 1.0 Project Characteristics

#### 1.1 Land Usage

Urbanization

(lb/MWhr)

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	646.00	Space	5.81	258,400.00	0
Apartments Mid Rise	152.00	Dwelling Unit	4.00	152,000.00	435
Condo/Townhouse High Rise	147.00	Dwelling Unit	2.30	147,000.00	420

Precipitation Freq (Days)

(lb/MWhr)

40

#### 1.2 Other Project Characteristics

Urban

		. , ,			
Climate Zone	13			Operational Year	2027
Utility Company	San Diego Gas & Electric	:			
CO2 Intensity	539 98	CH4 Intensity	0.033	N2O Intensity	0 004

2.6

Wind Speed (m/s)

(lb/MWhr)

#### 1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on site plan.

Construction Phase - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

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

Off-road Equipment - CalEEMod defaults.

Trips and VMT - CalEEMod defaults. Odd trips were rounded up to account for whole round trips.

On-road Fugitive Dust - CalEEMod defaults.

Grading - CalEEMod defaults.

Architectural Coating - In accordance with SDAPCD Rule 67.0.1.

Vehicle Trips - Based on TIA.

Woodstoves - Natural gas fireplaces in all units.

Consumer Products - CalEEMod defaults.

Area Coating - In accordance with SDAPCD Rule 67.0.1.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

Construction Off-road Equipment Mitigation - In accordance with SDAPCD Rule 55.

Area Mitigation - In accordance with SDAPCD Rule 67.0.1. No wood burning fireplaces.

**Energy Mitigation -**

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	50
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00

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

tblFireplaces	NumberGas	83.60	152.00
tblFireplaces	NumberGas	80.85	147.00
tblFireplaces	NumberNoFireplace	15.20	0.00
tblFireplaces	NumberNoFireplace	14.70	0.00
tblFireplaces	NumberWood	53.20	0.00
tblFireplaces	NumberWood	51.45	0.00
tblTripsAndVMT	VendorTripLength	7.30	0.25
tblTripsAndVMT	VendorTripLength	7.30	0.25
tblTripsAndVMT	VendorTripLength	7.30	0.25
tblTripsAndVMT	VendorTripLength	7.30	0.25
tblTripsAndVMT	VendorTripLength	7.30	0.25
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00
tblTripsAndVMT	WorkerTripNumber	20.00	0.00
tblTripsAndVMT	WorkerTripNumber	324.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	65.00	0.00
tblVehicleTrips	ST_TR	4.91	6.00
tblVehicleTrips	ST_TR	4.91	6.00
tblVehicleTrips	SU_TR	4.09	6.00
tblVehicleTrips	SU_TR	4.09	6.00
tblVehicleTrips	WD_TR	5.44	6.00
tblVehicleTrips	WD_TR	5.44	6.00
tblWoodstoves	NumberCatalytic	7.60	0.00
tblWoodstoves	NumberCatalytic	7.35	0.00
tblWoodstoves	NumberNoncatalytic	7.60	0.00

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

tblWoodstoves	NumberNoncatalytic	7.35	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

# 2.0 Emissions Summary

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#### Reduced Pacific Specific Plan Project Alternative HRA - San Diego County APCD Air District, Annual

#### 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	СО	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					ton	s/yr							MT	/yr		
2026	0.1364	1.3103	1.4408	2.7500e- 003	0.2374	0.0525	0.2900	0.1056	0.0490	0.1546	0.0000	239.2164	239.2164	0.0632	1.3200e- 003	241.1906
2027	1.4090	1.3443	1.7232	2.9000e- 003	1.7600e- 003	0.0539	0.0556	5.3000e- 004	0.0506	0.0512	0.0000	251.7912	251.7912	0.0578	2.1000e- 003	253.8609
Maximum	1.4090	1.3443	1.7232	2.9000e- 003	0.2374	0.0539	0.2900	0.1056	0.0506	0.1546	0.0000	251.7912	251.7912	0.0632	2.1000e- 003	253.8609

#### **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					ton	s/yr							MT	/yr		
2026	0.1364	1.3103	1.4408	2.7500e- 003	0.1074	0.0525	0.1600	0.0477	0.0490	0.0967	0.0000	239.2161	239.2161	0.0632	1.3200e- 003	241.1903
2027	1.4090	1.3443	1.7232	2.9000e- 003	1.7600e- 003	0.0539	0.0556	5.3000e- 004	0.0506	0.0512	0.0000	251.7910	251.7910	0.0578	2.1000e- 003	253.8606
Maximum	1.4090	1.3443	1.7232	2.9000e- 003	0.1074	0.0539	0.1600	0.0477	0.0506	0.0967	0.0000	251.7910	251.7910	0.0632	2.1000e- 003	253.8606

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

	ROG	NOx	СО	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	54.35	0.00	37.61	54.55	0.00	28.16	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	6-1-2026	8-31-2026	0.7832	0.7832
2	9-1-2026	11-30-2026	0.4818	0.4818
3	12-1-2026	2-28-2027	0.4770	0.4770
4	3-1-2027	5-31-2027	0.4864	0.4864
5	6-1-2027	8-31-2027	0.4858	0.4858
6	9-1-2027	9-30-2027	0.1376	0.1376
		Highest	0.7832	0.7832

#### 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	СО	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	1.4013	0.2290	2.3105	1.4200e- 003		0.0288	0.0288		0.0288	0.0288	0.0000	239.1454	239.1454	8.0200e- 003	4.3200e- 003	240.6324
Energy	0.0117	0.1003	0.0427	6.4000e- 004		8.1000e- 003	8.1000e- 003	   	8.1000e- 003	8.1000e- 003	0.0000	428.8256	428.8256	0.0213	4.4500e- 003	430.6837
Mobile	0.8049	0.8665	7.5652	0.0163	1.9160	0.0122	1.9282	0.5113	0.0114	0.5227	0.0000	1,509.871 2	1,509.871 2	0.1076	0.0682	1,532.889 7
Waste	1					0.0000	0.0000		0.0000	0.0000	27.9194	0.0000	27.9194	1.6500	0.0000	69.1691
Water	1					0.0000	0.0000		0.0000	0.0000	6.1804	95.5501	101.7306	0.6406	0.0157	122.4239
Total	2.2179	1.1957	9.9183	0.0184	1.9160	0.0491	1.9651	0.5113	0.0483	0.5596	34.0998	2,273.392	2,307.492 0	2.4276	0.0927	2,395.798 7

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#### 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					ton	s/yr							MT	/yr		
Area	1.4013	0.2290	2.3105	1.4200e- 003		0.0288	0.0288		0.0288	0.0288	0.0000	239.1454	239.1454	8.0200e- 003	4.3200e- 003	240.6324
Energy	0.0117	0.1003	0.0427	6.4000e- 004		8.1000e- 003	8.1000e- 003		8.1000e- 003	8.1000e- 003	0.0000	428.8256	428.8256	0.0213	4.4500e- 003	430.6837
Mobile	0.8049	0.8665	7.5652	0.0163	1.9160	0.0122	1.9282	0.5113	0.0114	0.5227	0.0000	1,509.871 2	1,509.871 2	0.1076	0.0682	1,532.889 7
Waste						0.0000	0.0000		0.0000	0.0000	27.9194	0.0000	27.9194	1.6500	0.0000	69.1691
Water						0.0000	0.0000	<del></del>	0.0000	0.0000	6.1804	95.5501	101.7306	0.6406	0.0157	122.4239
Total	2.2179	1.1957	9.9183	0.0184	1.9160	0.0491	1.9651	0.5113	0.0483	0.5596	34.0998	2,273.392 2	2,307.492	2.4276	0.0927	2,395.798 7

	ROG	NOx	СО	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	Site Preparation	Site Preparation	6/1/2026	6/12/2026	5	10	
2	Grading	Grading	6/13/2026	7/24/2026	5	30	
3	Building Construction	Building Construction	7/25/2026	9/17/2027	5	300	

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

4	ļ	Paving		9/18/2027	10/15/2027	5	20	
5	,	Architectural Coating	•	10/16/2027	11/12/2027	5	20	

Acres of Grading (Site Preparation Phase): 15

Acres of Grading (Grading Phase): 90

Acres of Paving: 5.81

Residential Indoor: 605,475; Residential Outdoor: 201,825; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 15,504 (Architectural Coating – sqft)

#### **OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

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

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
Site Preparation	7	0.00	4.00	0.00	10.80	0.25	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	0.00	4.00	0.00	10.80	0.25	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	0.00	74.00	0.00	10.80	0.25	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	0.00	4.00	0.00	10.80	0.25	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	4.00	0.00	10.80	0.25	20.00	LD_Mix	HDT_Mix	HHDT

#### **3.1 Mitigation Measures Construction**

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

#### 3.2 Site Preparation - 2026

**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					ton	s/yr							МТ	/yr		
Fugitive Dust					0.0983	0.0000	0.0983	0.0505	0.0000	0.0505	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0124	0.1262	0.0896	1.9000e- 004		5.4300e- 003	5.4300e- 003		5.0000e- 003	5.0000e- 003	0.0000	16.7335	16.7335	5.4100e- 003	0.0000	16.8688
Total	0.0124	0.1262	0.0896	1.9000e- 004	0.0983	5.4300e- 003	0.1037	0.0505	5.0000e- 003	0.0555	0.0000	16.7335	16.7335	5.4100e- 003	0.0000	16.8688

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

# 3.2 Site Preparation - 2026

#### **Unmitigated Construction Off-Site**

	ROG	NOx	СО	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					ton	s/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	1.0000e- 005	2.5000e- 004	1.8000e- 004	0.0000	1.0000e- 005	0.0000	1.0000e- 005	0.0000	0.0000	0.0000	0.0000	0.0397	0.0397	0.0000	1.0000e- 005	0.0416
Worker	0.0000	0.0000	0.0000	0.0000	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	1.0000e- 005	2.5000e- 004	1.8000e- 004	0.0000	1.0000e- 005	0.0000	1.0000e- 005	0.0000	0.0000	0.0000	0.0000	0.0397	0.0397	0.0000	1.0000e- 005	0.0416

#### **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					ton	s/yr							МТ	/yr		
Fugitive Dust					0.0442	0.0000	0.0442	0.0227	0.0000	0.0227	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0124	0.1262	0.0896	1.9000e- 004		5.4300e- 003	5.4300e- 003		5.0000e- 003	5.0000e- 003	0.0000	16.7335	16.7335	5.4100e- 003	0.0000	16.8688
Total	0.0124	0.1262	0.0896	1.9000e- 004	0.0442	5.4300e- 003	0.0497	0.0227	5.0000e- 003	0.0277	0.0000	16.7335	16.7335	5.4100e- 003	0.0000	16.8688

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

# 3.2 Site Preparation - 2026

#### **Mitigated Construction Off-Site**

	ROG	NOx	СО	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					ton	s/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	1.0000e- 005	2.5000e- 004	1.8000e- 004	0.0000	1.0000e- 005	0.0000	1.0000e- 005	0.0000	0.0000	0.0000	0.0000	0.0397	0.0397	0.0000	1.0000e- 005	0.0416
Worker	0.0000	0.0000	0.0000	0.0000	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	1.0000e- 005	2.5000e- 004	1.8000e- 004	0.0000	1.0000e- 005	0.0000	1.0000e- 005	0.0000	0.0000	0.0000	0.0000	0.0397	0.0397	0.0000	1.0000e- 005	0.0416

#### 3.3 Grading - 2026

# **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					ton	s/yr							MT	/yr		
Fugitive Dust					0.1381	0.0000	0.1381	0.0548	0.0000	0.0548	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0435	0.4191	0.3950	9.3000e- 004		0.0170	0.0170		0.0156	0.0156	0.0000	81.7593	81.7593	0.0264	0.0000	82.4204
Total	0.0435	0.4191	0.3950	9.3000e- 004	0.1381	0.0170	0.1550	0.0548	0.0156	0.0704	0.0000	81.7593	81.7593	0.0264	0.0000	82.4204

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

3.3 Grading - 2026
Unmitigated Construction Off-Site

	ROG	NOx	СО	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					ton	s/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
	4.0000e- 005	7.6000e- 004	5.5000e- 004	0.0000	2.0000e- 005	0.0000	2.0000e- 005	0.0000	0.0000	1.0000e- 005	0.0000	0.1191	0.1191	0.0000	2.0000e- 005	0.1247
Worker	0.0000	0.0000	0.0000	0.0000	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	4.0000e- 005	7.6000e- 004	5.5000e- 004	0.0000	2.0000e- 005	0.0000	2.0000e- 005	0.0000	0.0000	1.0000e- 005	0.0000	0.1191	0.1191	0.0000	2.0000e- 005	0.1247

#### **Mitigated Construction On-Site**

	ROG	NOx	СО	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					ton	s/yr							MT	/yr		
Fugitive Dust	 				0.0621	0.0000	0.0621	0.0247	0.0000	0.0247	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0435	0.4191	0.3950	9.3000e- 004		0.0170	0.0170	 	0.0156	0.0156	0.0000	81.7592	81.7592	0.0264	0.0000	82.4203
Total	0.0435	0.4191	0.3950	9.3000e- 004	0.0621	0.0170	0.0791	0.0247	0.0156	0.0403	0.0000	81.7592	81.7592	0.0264	0.0000	82.4203

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

3.3 Grading - 2026

**Mitigated Construction Off-Site** 

	ROG	NOx	СО	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					ton	s/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- 005	7.6000e- 004	5.5000e- 004	0.0000	2.0000e- 005	0.0000	2.0000e- 005	0.0000	0.0000	1.0000e- 005	0.0000	0.1191	0.1191	0.0000	2.0000e- 005	0.1247
Worker	0.0000	0.0000	0.0000	0.0000	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	4.0000e- 005	7.6000e- 004	5.5000e- 004	0.0000	2.0000e- 005	0.0000	2.0000e- 005	0.0000	0.0000	1.0000e- 005	0.0000	0.1191	0.1191	0.0000	2.0000e- 005	0.1247

# 3.4 Building Construction - 2026

**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					ton	s/yr							MT	/yr		
Off-Road	0.0779	0.7108	0.9168	1.5400e- 003		0.0301	0.0301		0.0283	0.0283	0.0000	132.1941	132.1941	0.0311	0.0000	132.9710
Total	0.0779	0.7108	0.9168	1.5400e- 003		0.0301	0.0301		0.0283	0.0283	0.0000	132.1941	132.1941	0.0311	0.0000	132.9710

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

# 3.4 Building Construction - 2026 <u>Unmitigated Construction Off-Site</u>

	ROG	NOx	СО	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					ton	s/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	2.5600e- 003	0.0532	0.0388	9.0000e- 005	1.0700e- 003	7.0000e- 005	1.1300e- 003	3.2000e- 004	6.0000e- 005	3.8000e- 004	0.0000	8.3707	8.3707	3.0000e- 004	1.3000e- 003	8.7642
Worker	0.0000	0.0000	0.0000	0.0000	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	2.5600e- 003	0.0532	0.0388	9.0000e- 005	1.0700e- 003	7.0000e- 005	1.1300e- 003	3.2000e- 004	6.0000e- 005	3.8000e- 004	0.0000	8.3707	8.3707	3.0000e- 004	1.3000e- 003	8.7642

#### **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					ton	s/yr							MT	/yr		
	0.0779	0.7108	0.9168	1.5400e- 003		0.0301	0.0301		0.0283	0.0283	0.0000	132.1939	132.1939	0.0311	0.0000	132.9708
Total	0.0779	0.7108	0.9168	1.5400e- 003		0.0301	0.0301		0.0283	0.0283	0.0000	132.1939	132.1939	0.0311	0.0000	132.9708

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

# 3.4 Building Construction - 2026

**Mitigated Construction Off-Site** 

	ROG	NOx	СО	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					ton	s/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	2.5600e- 003	0.0532	0.0388	9.0000e- 005	1.0700e- 003	7.0000e- 005	1.1300e- 003	3.2000e- 004	6.0000e- 005	3.8000e- 004	0.0000	8.3707	8.3707	3.0000e- 004	1.3000e- 003	8.7642
Worker	0.0000	0.0000	0.0000	0.0000	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	2.5600e- 003	0.0532	0.0388	9.0000e- 005	1.0700e- 003	7.0000e- 005	1.1300e- 003	3.2000e- 004	6.0000e- 005	3.8000e- 004	0.0000	8.3707	8.3707	3.0000e- 004	1.3000e- 003	8.7642

# 3.4 Building Construction - 2027

**Unmitigated Construction On-Site** 

	ROG	NOx	СО	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					ton	s/yr							MT	/yr		
Off-Road	0.1272	1.1597	1.4959	2.5100e- 003		0.0491	0.0491		0.0462	0.0462	0.0000	215.6851	215.6851	0.0507	0.0000	216.9526
Total	0.1272	1.1597	1.4959	2.5100e- 003		0.0491	0.0491		0.0462	0.0462	0.0000	215.6851	215.6851	0.0507	0.0000	216.9526

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

# 3.4 Building Construction - 2027 <u>Unmitigated Construction Off-Site</u>

	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					ton	s/yr							МТ	/уг		
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	4.1300e- 003	0.0864	0.0627	1.4000e- 004	1.7400e- 003	1.1000e- 004	1.8500e- 003	5.2000e- 004	1.0000e- 004	6.2000e- 004	0.0000	13.3781	13.3781	4.9000e- 004	2.0700e- 003	14.0076
Worker	0.0000	0.0000	0.0000	0.0000	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	4.1300e- 003	0.0864	0.0627	1.4000e- 004	1.7400e- 003	1.1000e- 004	1.8500e- 003	5.2000e- 004	1.0000e- 004	6.2000e- 004	0.0000	13.3781	13.3781	4.9000e- 004	2.0700e- 003	14.0076

#### **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					ton	s/yr							MT	/yr		
Off-Road	0.1272	1.1597	1.4959	2.5100e- 003		0.0491	0.0491		0.0462	0.0462	0.0000	215.6848	215.6848	0.0507	0.0000	216.9524
Total	0.1272	1.1597	1.4959	2.5100e- 003		0.0491	0.0491		0.0462	0.0462	0.0000	215.6848	215.6848	0.0507	0.0000	216.9524

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

# 3.4 Building Construction - 2027

**Mitigated Construction Off-Site** 

	ROG	NOx	СО	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					ton	s/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	4.1300e- 003	0.0864	0.0627	1.4000e- 004	1.7400e- 003	1.1000e- 004	1.8500e- 003	5.2000e- 004	1.0000e- 004	6.2000e- 004	0.0000	13.3781	13.3781	4.9000e- 004	2.0700e- 003	14.0076
Worker	0.0000	0.0000	0.0000	0.0000	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	4.1300e- 003	0.0864	0.0627	1.4000e- 004	1.7400e- 003	1.1000e- 004	1.8500e- 003	5.2000e- 004	1.0000e- 004	6.2000e- 004	0.0000	13.3781	13.3781	4.9000e- 004	2.0700e- 003	14.0076

# 3.5 Paving - 2027

**Unmitigated Construction On-Site** 

	ROG	NOx	СО	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					ton	s/yr							МТ	√yr		
	9.1500e- 003	0.0858	0.1458	2.3000e- 004		4.1900e- 003	4.1900e- 003		3.8500e- 003	3.8500e- 003	0.0000	20.0193	20.0193	6.4700e- 003	0.0000	20.1811
	7.6100e- 003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0168	0.0858	0.1458	2.3000e- 004		4.1900e- 003	4.1900e- 003		3.8500e- 003	3.8500e- 003	0.0000	20.0193	20.0193	6.4700e- 003	0.0000	20.1811

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

3.5 Paving - 2027
<u>Unmitigated Construction Off-Site</u>

	ROG	NOx	СО	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					ton	s/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	2.0000e- 005	5.0000e- 004	3.6000e- 004	0.0000	1.0000e- 005	0.0000	1.0000e- 005	0.0000	0.0000	0.0000	0.0000	0.0778	0.0778	0.0000	1.0000e- 005	0.0814
Worker	0.0000	0.0000	0.0000	0.0000	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	2.0000e- 005	5.0000e- 004	3.6000e- 004	0.0000	1.0000e- 005	0.0000	1.0000e- 005	0.0000	0.0000	0.0000	0.0000	0.0778	0.0778	0.0000	1.0000e- 005	0.0814

#### **Mitigated Construction On-Site**

	ROG	NOx	СО	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	9.1500e- 003	0.0858	0.1458	2.3000e- 004		4.1900e- 003	4.1900e- 003		3.8500e- 003	3.8500e- 003	0.0000	20.0192	20.0192	6.4700e- 003	0.0000	20.1811
ı	7.6100e- 003			i i	       	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0168	0.0858	0.1458	2.3000e- 004		4.1900e- 003	4.1900e- 003		3.8500e- 003	3.8500e- 003	0.0000	20.0192	20.0192	6.4700e- 003	0.0000	20.1811

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

3.5 Paving - 2027

<u>Mitigated Construction Off-Site</u>

	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	2.0000e- 005	5.0000e- 004	3.6000e- 004	0.0000	1.0000e- 005	0.0000	1.0000e- 005	0.0000	0.0000	0.0000	0.0000	0.0778	0.0778	0.0000	1.0000e- 005	0.0814
Worker	0.0000	0.0000	0.0000	0.0000	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	2.0000e- 005	5.0000e- 004	3.6000e- 004	0.0000	1.0000e- 005	0.0000	1.0000e- 005	0.0000	0.0000	0.0000	0.0000	0.0778	0.0778	0.0000	1.0000e- 005	0.0814

# 3.6 Architectural Coating - 2027 <u>Unmitigated Construction On-Site</u>

	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	1.2592					0.0000	0.0000	 	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7100e- 003	0.0115	0.0181	3.0000e- 005		5.2000e- 004	5.2000e- 004	  -  -	5.2000e- 004	5.2000e- 004	0.0000	2.5533	2.5533	1.4000e- 004	0.0000	2.5567
Total	1.2609	0.0115	0.0181	3.0000e- 005		5.2000e- 004	5.2000e- 004		5.2000e- 004	5.2000e- 004	0.0000	2.5533	2.5533	1.4000e- 004	0.0000	2.5567

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

# 3.6 Architectural Coating - 2027 Unmitigated Construction Off-Site

	ROG	NOx	СО	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					ton	s/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	2.0000e- 005	5.0000e- 004	3.6000e- 004	0.0000	1.0000e- 005	0.0000	1.0000e- 005	0.0000	0.0000	0.0000	0.0000	0.0778	0.0778	0.0000	1.0000e- 005	0.0814
Worker	0.0000	0.0000	0.0000	0.0000	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	2.0000e- 005	5.0000e- 004	3.6000e- 004	0.0000	1.0000e- 005	0.0000	1.0000e- 005	0.0000	0.0000	0.0000	0.0000	0.0778	0.0778	0.0000	1.0000e- 005	0.0814

### **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					ton	s/yr							MT	/yr		
Archit. Coating	1.2592					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7100e- 003	0.0115	0.0181	3.0000e- 005	       	5.2000e- 004	5.2000e- 004		5.2000e- 004	5.2000e- 004	0.0000	2.5533	2.5533	1.4000e- 004	0.0000	2.5567
Total	1.2609	0.0115	0.0181	3.0000e- 005		5.2000e- 004	5.2000e- 004		5.2000e- 004	5.2000e- 004	0.0000	2.5533	2.5533	1.4000e- 004	0.0000	2.5567

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

# 3.6 Architectural Coating - 2027 Mitigated Construction Off-Site

	ROG	NOx	СО	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					ton	s/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	2.0000e- 005	5.0000e- 004	3.6000e- 004	0.0000	1.0000e- 005	0.0000	1.0000e- 005	0.0000	0.0000	0.0000	0.0000	0.0778	0.0778	0.0000	1.0000e- 005	0.0814
Worker	0.0000	0.0000	0.0000	0.0000	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	2.0000e- 005	5.0000e- 004	3.6000e- 004	0.0000	1.0000e- 005	0.0000	1.0000e- 005	0.0000	0.0000	0.0000	0.0000	0.0778	0.0778	0.0000	1.0000e- 005	0.0814

## 4.0 Operational Detail - Mobile

## **4.1 Mitigation Measures Mobile**

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	ROG	NOx	СО	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					ton	s/yr							MT	/yr		
Mitigated	0.8049	0.8665	7.5652	0.0163	1.9160	0.0122	1.9282	0.5113	0.0114	0.5227	0.0000	1,509.871 2	1,509.871 2	0.1076	0.0682	1,532.889 7
Unmitigated	0.8049	0.8665	7.5652	0.0163	1.9160	0.0122	1.9282	0.5113	0.0114	0.5227	0.0000	1,509.871 2	1,509.871 2	0.1076	0.0682	1,532.889 7

## **4.2 Trip Summary Information**

	Avei	age Daily Trip Ra	ate	Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	912.00	912.00	912.00	2,604,037	2,604,037
Condo/Townhouse High Rise	882.00	882.00	882.00	2,518,378	2,518,378
Parking Lot	0.00	0.00	0.00		
Total	1,794.00	1,794.00	1,794.00	5,122,414	5,122,414

## **4.3 Trip Type Information**

		Miles			Trip %			Trip Purpos	e %
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
Apartments Mid Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
Condo/Townhouse High Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
Parking Lot	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	МН
Apartments Mid Rise	0.568480	0.062094	0.174123	0.115064	0.023357	0.006399	0.009361	0.006325	0.000693	0.000596	0.028205	0.000919	0.004383
Condo/Townhouse High Rise	0.568480	0.062094	0.174123	0.115064	0.023357	0.006399	0.009361	0.006325	0.000693	0.000596	0.028205	0.000919	0.004383

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

Parking Lot	0.50	68480	0.062094	0.174123	0.115064	0.023357	0.006399	0.009361	0.006325	0.000693	0.000596	0.028205	0.000919	0.004383

## 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					ton	s/yr							MT	/yr		
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	312.7306	312.7306	0.0191	2.3200e- 003	313.8987
Electricity Unmitigated					   	0.0000	0.0000		0.0000	0.0000	0.0000	312.7306	312.7306	0.0191	2.3200e- 003	313.8987
NaturalGas Mitigated	0.0117	0.1003	0.0427	6.4000e- 004		8.1000e- 003	8.1000e- 003		8.1000e- 003	8.1000e- 003	0.0000	116.0950	116.0950	2.2300e- 003	2.1300e- 003	116.7849
NaturalGas Unmitigated	0.0117	0.1003	0.0427	6.4000e- 004		8.1000e- 003	8.1000e- 003		8.1000e- 003	8.1000e- 003	0.0000	116.0950	116.0950	2.2300e- 003	2.1300e- 003	116.7849

### 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**

	NaturalGa s Use	ROG	NOx	СО	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					ton	s/yr							MT	/yr		
Apartments Mid Rise	1.10596e +006	5.9600e- 003	0.0510	0.0217	3.3000e- 004		4.1200e- 003	4.1200e- 003		4.1200e- 003	4.1200e- 003	0.0000	59.0182	59.0182	1.1300e- 003	1.0800e- 003	59.3689
Condo/Townhous e High Rise	1.06958e +006	5.7700e- 003	0.0493	0.0210	3.1000e- 004		3.9800e- 003	3.9800e- 003		3.9800e- 003	3.9800e- 003	0.0000	57.0768	57.0768	1.0900e- 003	1.0500e- 003	57.4160
Parking Lot	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		0.0117	0.1002	0.0427	6.4000e- 004		8.1000e- 003	8.1000e- 003		8.1000e- 003	8.1000e- 003	0.0000	116.0951	116.0951	2.2200e- 003	2.1300e- 003	116.7849

### 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**

	NaturalGa s Use	ROG	NOx	СО	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					ton	s/yr							MT	/yr		
Apartments Mid Rise	1.10596e +006	5.9600e- 003	0.0510	0.0217	3.3000e- 004		4.1200e- 003	4.1200e- 003		4.1200e- 003	4.1200e- 003	0.0000	59.0182	59.0182	1.1300e- 003	1.0800e- 003	59.3689
Condo/Townhous e High Rise	1.06958e +006	5.7700e- 003	0.0493	0.0210	3.1000e- 004		3.9800e- 003	3.9800e- 003		3.9800e- 003	3.9800e- 003	0.0000	57.0768	57.0768	1.0900e- 003	1.0500e- 003	57.4160
Parking Lot	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		0.0117	0.1002	0.0427	6.4000e- 004		8.1000e- 003	8.1000e- 003		8.1000e- 003	8.1000e- 003	0.0000	116.0951	116.0951	2.2200e- 003	2.1300e- 003	116.7849

### 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	
Apartments Mid Rise	583701	142.9664	8.7400e- 003	1.0600e- 003	143.5005
Condo/Townhous e High Rise	602671	147.6126	9.0200e- 003	1.0900e- 003	148.1640
Parking Lot	90440	22.1515	1.3500e- 003	1.6000e- 004	22.2343
Total		312.7306	0.0191	2.3100e- 003	313.8987

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### 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	
Apartments Mid Rise	583701	142.9664	8.7400e- 003	1.0600e- 003	143.5005
Condo/Townhous e High Rise	602671	147.6126	9.0200e- 003	1.0900e- 003	148.1640
Parking Lot	90440	22.1515	1.3500e- 003	1.6000e- 004	22.2343
Total		312.7306	0.0191	2.3100e- 003	313.8987

### 6.0 Area Detail

## **6.1 Mitigation Measures Area**

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use only Natural Gas Hearths

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	ROG	NOx	СО	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	ory tons/yr							MT	/yr							
Mitigated	1.4013	0.2290	2.3105	1.4200e- 003		0.0288	0.0288		0.0288	0.0288	0.0000	239.1454	239.1454	8.0200e- 003	4.3200e- 003	240.6324
Unmitigated	1.4013	0.2290	2.3105	1.4200e- 003		0.0288	0.0288		0.0288	0.0288	0.0000	239.1454	239.1454	8.0200e- 003	4.3200e- 003	240.6324

# 6.2 Area by SubCategory

### **Unmitigated**

	ROG	NOx	СО	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	0.1259					0.0000	0.0000	 	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.1845					0.0000	0.0000	,	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0238	0.2034	0.0865	1.3000e- 003		0.0164	0.0164		0.0164	0.0164	0.0000	235.5073	235.5073	4.5100e- 003	4.3200e- 003	236.9068
Landscaping	0.0671	0.0256	2.2239	1.2000e- 004		0.0123	0.0123	       	0.0123	0.0123	0.0000	3.6381	3.6381	3.5000e- 003	0.0000	3.7256
Total	1.4013	0.2290	2.3105	1.4200e- 003		0.0288	0.0288		0.0288	0.0288	0.0000	239.1453	239.1453	8.0100e- 003	4.3200e- 003	240.6324

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### 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	0.1259					0.0000	0.0000	 	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.1845					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0238	0.2034	0.0865	1.3000e- 003		0.0164	0.0164		0.0164	0.0164	0.0000	235.5073	235.5073	4.5100e- 003	4.3200e- 003	236.9068
Landscaping	0.0671	0.0256	2.2239	1.2000e- 004		0.0123	0.0123		0.0123	0.0123	0.0000	3.6381	3.6381	3.5000e- 003	0.0000	3.7256
Total	1.4013	0.2290	2.3105	1.4200e- 003		0.0288	0.0288		0.0288	0.0288	0.0000	239.1453	239.1453	8.0100e- 003	4.3200e- 003	240.6324

## 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		МТ	-/yr	
lga.ea	101.7306	0.6406	0.0157	122.4239
Cimingatou	101.7306	0.6406	0.0157	122.4239

# 7.2 Water by Land Use <u>Unmitigated</u>

	Indoor/Out door Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal		MT	/yr	
Apartments Mid Rise	9.90341 / 6.24346	51.7159	0.3257	7.9800e- 003	62.2356
Condo/Townhous e High Rise	9.57764 / 6.03808	50.0147	0.3150	7.7200e- 003	60.1883
Parking Lot	0/0	0.0000	0.0000	0.0000	0.0000
Total		101.7306	0.6406	0.0157	122.4239

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

### 7.2 Water by Land Use

### **Mitigated**

	Indoor/Out door Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal		МТ	-/yr	
Apartments Mid Rise	9.90341 / 6.24346	51.7159	0.3257	7.9800e- 003	62.2356
Condo/Townhous e High Rise	9.57764 / 6.03808	50.0147	0.3150	7.7200e- 003	60.1883
Parking Lot	0/0	0.0000	0.0000	0.0000	0.0000
Total		101.7306	0.6406	0.0157	122.4239

### 8.0 Waste Detail

# 8.1 Mitigation Measures Waste

### 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
		МТ	-/yr	
gatea	27.9194	1.6500	0.0000	69.1691
Jgatea	27.9194	1.6500	0.0000	69.1691

# 8.2 Waste by Land Use <u>Unmitigated</u>

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons		MT	-/yr	
Apartments Mid Rise	69.92	14.1931	0.8388	0.0000	35.1629
Condo/Townhous e High Rise	67.62	13.7263	0.8112	0.0000	34.0062
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		27.9194	1.6500	0.0000	69.1691

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### 8.2 Waste by Land Use

#### **Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons		MT	/yr	
Apartments Mid Rise	69.92	14.1931	0.8388	0.0000	35.1629
Condo/Townhous e High Rise	67.62	13.7263	0.8112	0.0000	34.0062
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		27.9194	1.6500	0.0000	69.1691

# 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

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

11.0 Vegetation

```
** Lakes Environmental AERMOD MPI
************
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 9/29/2023
** File: C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific.ADI
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**
************
** AERMOD Control Pathway
************
**
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  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  POLLUTID PM 10
  RUNORNOT RUN
  ERRORFIL Pacific.err
CO FINISHED
***********
** AERMOD Source Pathway
***********
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ______
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Construction Market
** PREFIX
** Length of Side = 8.60
** Configuration = Adjacent
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** Vertical Dimension = 6.80
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   LOCATION L0000788
                         VOLUME
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   LOCATION L0000789
                         VOLUME
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   LOCATION L0000790
                         VOLUME
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LOCATION L0001059
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LOCATION L0001060
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LOCATION L0001062
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LOCATION L0001063
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LOCATION L0001067
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LOCATION L0001068
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LOCATION L0001069
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LOCATION L0001071
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LOCATION L0001072
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LOCATION L0001073
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LOCATION L0001079
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LOCATION L0001081
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LOCATION L0001088
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                      VOLUME
LOCATION L0001089
                      VOLUME
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\*\* End of LINE VOLUME Source ID = SLINE1

\*\* \_\_\_\_\_

<sup>\*\*</sup> Line Source Represented by Adjacent Volume Sources

<sup>\*\*</sup> LINE VOLUME Source ID = SLINE2

<sup>\*\*</sup> DESCRSRC Construction Affordable

<sup>\*\*</sup> PREFIX

<sup>\*\*</sup> Length of Side = 8.60

<sup>\*\*</sup> Configuration = Adjacent

<sup>\*\*</sup> Emission Rate = 0.1832884097

<sup>\*\*</sup> Vertical Dimension = 6.80

<sup>\*\*</sup> SZINIT = 3.16

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  LOCATION L0002344
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  LOCATION L0002345
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  LOCATION L0002352
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  LOCATION L0002368
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  LOCATION L0002384
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  LOCATION L0002388
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                         VOLUME
  LOCATION L0002402
                         VOLUME
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  LOCATION L0002403
                         VOLUME
** End of LINE VOLUME Source ID = SLINE2
** Source Parameters **
** LINE VOLUME Source ID - SLINE1
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SRCPARAM	L0000950	0.0026954178	0.00	4.00	3.16

SRCPARAM	L0000951	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0000952	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0000953	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0000954	0.0026954178	0.00	4.00	3.16
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SRCPARAM	L0000956	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0000957	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0000958	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0000959	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0000960	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0000961	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0000962	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0000963	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0000964	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0000965	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0000966	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0000967	0.0026954178	0.00	4.00	3.16
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	L0000969	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0000970	0.0026954178	0.00	4.00	3.16
	L0000971	0.0026954178	0.00	4.00	3.16
	L0000972	0.0026954178	0.00	4.00	3.16
	L0000973	0.0026954178	0.00	4.00	3.16
	L0000974	0.0026954178	0.00	4.00	3.16
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	L0000976	0.0026954178	0.00	4.00	3.16
	L0000977	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0000978	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0000979	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0000980	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0000981	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0000982	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0000983	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0000984	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0000985	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0000986	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0000987	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0000988	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0000989	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0000990	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0000991	0.0026954178	0.00	4.00	3.16
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SRCPARAM	L0000995	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0000996	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0000997	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0000998	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0000999	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0001000	0.0026954178	0.00	4.00	3.16

SRCPARAM	L0001001	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0001002	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0001003	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0001004	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0001005	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0001006	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0001007	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0001008	0.0026954178	0.00	4.00	3.16
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SRCPARAM	L0001010	0.0026954178	0.00	4.00	3.16
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SRCPARAM	L0001013	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0001014	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0001015	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0001016	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0001017	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0001018	0.0026954178	0.00	4.00	3.16
	L0001019	0.0026954178	0.00	4.00	3.16
	L0001020	0.0026954178	0.00	4.00	3.16
	L0001021	0.0026954178	0.00	4.00	3.16
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	L0001023	0.0026954178	0.00	4.00	3.16
	L0001024	0.0026954178	0.00	4.00	3.16
	L0001025	0.0026954178	0.00	4.00	3.16
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	L0001027	0.0026954178	0.00	4.00	3.16
	L0001028	0.0026954178	0.00	4.00	3.16
	L0001029	0.0026954178	0.00	4.00	3.16
	L0001030	0.0026954178	0.00	4.00	3.16
	L0001031	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0001032	0.0026954178	0.00	4.00	3.16
SRCPARAM	L0001033	0.0026954178	0.00	4.00	3.16
	L0001034	0.0026954178	0.00	4.00	3.16
	L0001035	0.0026954178	0.00	4.00	3.16
	L0001036	0.0026954178	0.00	4.00	3.16
	L0001037	0.0026954178	0.00	4.00	3.16
	L0001038	0.0026954178	0.00	4.00	3.16
	L0001039	0.0026954178	0.00	4.00	3.16
	L0001040	0.0026954178	0.00	4.00	3.16
	L0001041	0.0026954178	0.00	4.00	3.16
	L0001042	0.0026954178	0.00	4.00	3.16
	L0001043	0.0026954178	0.00	4.00	3.16
	L0001044	0.0026954178	0.00	4.00	3.16
	L0001045	0.0026954178	0.00	4.00	3.16
	L0001046	0.0026954178	0.00	4.00	3.16
	L0001047	0.0026954178	0.00	4.00	3.16
	L0001048	0.0026954178	0.00	4.00	3.16
	L0001049	0.0026954178	0.00	4.00	3.16
	L0001050	0.0026954178	0.00	4.00	3.16
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	SRCPARAM	L0001051	0.0026954178	0.00	4.00	3.16
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	SRCPARAM	L0001053	0.0026954178	0.00	4.00	3.16
	SRCPARAM	L0001054	0.0026954178	0.00	4.00	3.16
	SRCPARAM		0.0026954178	0.00	4.00	3.16
	SRCPARAM	L0001056	0.0026954178	0.00	4.00	3.16
	SRCPARAM	L0001057	0.0026954178	0.00	4.00	3.16
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	SRCPARAM	L0001059	0.0026954178	0.00	4.00	3.16
	SRCPARAM	L0001060	0.0026954178	0.00	4.00	3.16
	SRCPARAM	L0001061	0.0026954178	0.00	4.00	3.16
	SRCPARAM	L0001062	0.0026954178	0.00	4.00	3.16
	SRCPARAM	L0001063	0.0026954178	0.00	4.00	3.16
	SRCPARAM	L0001064	0.0026954178	0.00	4.00	3.16
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	SRCPARAM	L0001066	0.0026954178	0.00	4.00	3.16
	SRCPARAM	L0001067	0.0026954178	0.00	4.00	3.16
	SRCPARAM	L0001068	0.0026954178	0.00	4.00	3.16
	SRCPARAM	L0001069	0.0026954178	0.00	4.00	3.16
	SRCPARAM	L0001070	0.0026954178	0.00	4.00	3.16
	SRCPARAM	L0001071	0.0026954178	0.00	4.00	3.16
	SRCPARAM	L0001072	0.0026954178	0.00	4.00	3.16
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	SRCPARAM	L0001079	0.0026954178	0.00	4.00	3.16
	SRCPARAM	L0001080	0.0026954178	0.00	4.00	3.16
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	SRCPARAM	L0001082	0.0026954178	0.00	4.00	3.16
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	SRCPARAM	L0001084	0.0026954178	0.00	4.00	3.16
	SRCPARAM	L0001085	0.0026954178	0.00	4.00	3.16
	SRCPARAM	L0001086	0.0026954178	0.00	4.00	3.16
	SRCPARAM	L0001087	0.0026954178	0.00	4.00	3.16
	SRCPARAM	L0001088	0.0026954178	0.00	4.00	3.16
	SRCPARAM	L0001089	0.0026954178	0.00	4.00	3.16
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*		ME Source ID				
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		L0002338	0.0026954178	3.40	4.00	3.16
			0.0026954178		4.00	3.16
	SRCPARAM		0.0026954178		4.00	3.16
	SRCPARAM		0.0026954178	3.40	4.00	3.16
	SRCPARAM		0.0026954178	3.40	4.00	3.16
			0.0026954178	3.40	4.00	3.16
	SRCPARAM	L0002344	0.0026954178	3.40	4.00	3.16

SRCPARAM	L0002345	0.0026954178	3.40	4.00	3.16
SRCPARAM	L0002346	0.0026954178	3.40	4.00	3.16
SRCPARAM	L0002347	0.0026954178	3.40	4.00	3.16
SRCPARAM	L0002348	0.0026954178	3.40	4.00	3.16
SRCPARAM	L0002349	0.0026954178	3.40	4.00	3.16
SRCPARAM	L0002350	0.0026954178	3.40	4.00	3.16
SRCPARAM	L0002351	0.0026954178	3.40	4.00	3.16
SRCPARAM	L0002352	0.0026954178	3.40	4.00	3.16
SRCPARAM	L0002353	0.0026954178	3.40	4.00	3.16
SRCPARAM	L0002354	0.0026954178	3.40	4.00	3.16
SRCPARAM	L0002355	0.0026954178	3.40	4.00	3.16
SRCPARAM	L0002356	0.0026954178	3.40	4.00	3.16
SRCPARAM	L0002357	0.0026954178	3.40	4.00	3.16
SRCPARAM	L0002358	0.0026954178	3.40	4.00	3.16
SRCPARAM	L0002359	0.0026954178	3.40	4.00	3.16
SRCPARAM	L0002360	0.0026954178	3.40	4.00	3.16
SRCPARAM	L0002361	0.0026954178	3.40	4.00	3.16
SRCPARAM	L0002362	0.0026954178	3.40	4.00	3.16
SRCPARAM	L0002363	0.0026954178	3.40	4.00	3.16
SRCPARAM	L0002364	0.0026954178	3.40	4.00	3.16
SRCPARAM	L0002365	0.0026954178	3.40	4.00	3.16
	L0002366	0.0026954178	3.40	4.00	3.16
	L0002367	0.0026954178	3.40	4.00	3.16
	L0002368	0.0026954178	3.40	4.00	3.16
	L0002369	0.0026954178	3.40	4.00	3.16
	L0002370	0.0026954178	3.40	4.00	3.16
	L0002371	0.0026954178	3.40	4.00	3.16
SRCPARAM	L0002372	0.0026954178	3.40	4.00	3.16
SRCPARAM	L0002373	0.0026954178	3.40	4.00	3.16
SRCPARAM	L0002374	0.0026954178	3.40	4.00	3.16
SRCPARAM	L0002375	0.0026954178	3.40	4.00	3.16
SRCPARAM	L0002376	0.0026954178	3.40	4.00	3.16
SRCPARAM	L0002377	0.0026954178	3.40	4.00	3.16
SRCPARAM	L0002378	0.0026954178	3.40	4.00	3.16
SRCPARAM	L0002379	0.0026954178	3.40	4.00	3.16
	L0002380	0.0026954178	3.40	4.00	3.16
SRCPARAM	L0002381	0.0026954178	3.40	4.00	3.16
SRCPARAM	L0002382	0.0026954178	3.40	4.00	3.16
SRCPARAM	L0002383	0.0026954178	3.40	4.00	3.16
SRCPARAM	L0002384	0.0026954178	3.40	4.00	3.16
SRCPARAM	L0002385	0.0026954178	3.40	4.00	3.16
	L0002386	0.0026954178	3.40	4.00	3.16
SRCPARAM	L0002387	0.0026954178	3.40	4.00	3.16
	L0002388	0.0026954178	3.40	4.00	3.16
	L0002389	0.0026954178	3.40	4.00	3.16
	L0002390	0.0026954178	3.40	4.00	3.16
	L0002391	0.0026954178	3.40	4.00	3.16
	L0002392	0.0026954178	3.40	4.00	3.16
	L0002393	0.0026954178	3.40	4.00	3.16
	L0002394	0.0026954178	3.40	4.00	3.16
		-			-

SRCPARAM L0002395	0.0026954178	3.40	4.00	3.16	
SRCPARAM L0002396	0.0026954178	3.40	4.00	3.16	
SRCPARAM L0002397	0.0026954178	3.40	4.00	3.16	
SRCPARAM L0002398	0.0026954178	3.40	4.00	3.16	
SRCPARAM L0002399	0.0026954178	3.40	4.00	3.16	
SRCPARAM L0002400	0.0026954178	3.40	4.00	3.16	
SRCPARAM L0002401	0.0026954178	3.40	4.00	3.16	
SRCPARAM L0002402	0.0026954178	3.40	4.00	3.16	
SRCPARAM L0002403	0.0026954178	3.40	4.00	3.16	

\*\* Variable Emissions Type: "By Hour / Day (HRDOW)"
\*\* Variable Emission Scenario: "Scenario 1"

\*\* WeekDays:

weekbays	•							
EMISFACT	L0000787	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
<b>EMISFACT</b>	L0000787	HRDOW	0.0	7.2	7.2	7.2	7.2	7.2
<b>EMISFACT</b>	L0000787	HRDOW	7.2	7.2	7.2	7.2	7.2	0.0
<b>EMISFACT</b>	L0000787	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
<b>EMISFACT</b>	L0000788	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
<b>EMISFACT</b>	L0000788	HRDOW	0.0	7.2	7.2	7.2	7.2	7.2
<b>EMISFACT</b>	L0000788	HRDOW	7.2	7.2	7.2	7.2	7.2	0.0
<b>EMISFACT</b>	L0000788	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000789	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
<b>EMISFACT</b>	L0000789	HRDOW	0.0	7.2	7.2	7.2	7.2	7.2
<b>EMISFACT</b>	L0000789	HRDOW	7.2	7.2	7.2	7.2	7.2	0.0
<b>EMISFACT</b>	L0000789	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000790	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000790	HRDOW	0.0	7.2	7.2	7.2	7.2	7.2
<b>EMISFACT</b>	L0000790	HRDOW	7.2	7.2	7.2	7.2	7.2	0.0
EMISFACT	L0000790	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
<b>EMISFACT</b>	L0000791	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000791	HRDOW	0.0	7.2	7.2	7.2	7.2	7.2
<b>EMISFACT</b>	L0000791	HRDOW	7.2	7.2	7.2	7.2	7.2	0.0
EMISFACT	L0000791	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000792	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000792	HRDOW	0.0	7.2	7.2	7.2	7.2	7.2
EMISFACT	L0000792	HRDOW	7.2	7.2	7.2	7.2	7.2	0.0
EMISFACT	L0000792	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0000793	HRDOW						
	L0000793	HRDOW						
EMISFACT	L0000793	HRDOW	7.2	7.2	7.2	7.2	7.2	0.0
EMISFACT	L0000793	HRDOW						
EMISFACT	L0000794	HRDOW						
EMISFACT	L0000794	HRDOW						
EMISFACT	L0000794	HRDOW	7.2	7.2	7.2	7.2	7.2	0.0
EMISFACT	L0000794	HRDOW						
	L0000795	HRDOW						
EMISFACT	L0000795	HRDOW						
	L0000795	HRDOW						
EMISFACT	L0000795	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

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EMISFACT L0000796
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                      HRDOW 0.0 7.2 7.2 7.2 7.2 7.2
EMISFACT L0000796
EMISFACT L0000796
                      HRDOW 7.2 7.2 7.2 7.2 7.0 0.0
EMISFACT L0000796
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                      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000797
EMISFACT L0000797
                      HRDOW 0.0 7.2 7.2 7.2 7.2 7.2
                      HRDOW 7.2 7.2 7.2 7.2 7.0 0.0
EMISFACT L0000797
EMISFACT L0000797
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EMISFACT L0000798
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EMISFACT L0000798
                      HRDOW 0.0 7.2 7.2 7.2 7.2 7.2
                      HRDOW 7.2 7.2 7.2 7.2 7.0 0.0
EMISFACT L0000798
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EMISFACT L0000798
EMISFACT L0000799
                      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
                      HRDOW 0.0 7.2 7.2 7.2 7.2 7.2
EMISFACT L0000799
                      HRDOW 7.2 7.2 7.2 7.2 7.0 0.0
EMISFACT L0000799
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EMISFACT L0000799
                      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000800
EMISFACT L0000800
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                      HRDOW 7.2 7.2 7.2 7.2 7.0 0.0
EMISFACT L0000800
EMISFACT L0000800
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EMISFACT L0000801
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EMISFACT L0000801
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                      HRDOW 7.2 7.2 7.2 7.2 7.0 0.0
EMISFACT L0000801
EMISFACT L0000801
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EMISFACT L0000802
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EMISFACT L0000802
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EMISFACT L0000802
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EMISFACT L0000803
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EMISFACT L0000803
                      HRDOW 7.2 7.2 7.2 7.2 7.0 0.0
EMISFACT L0000803
EMISFACT L0000803
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EMISFACT L0000804
                      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** AERMOD Output Pathway
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 ***********
*** SETUP Finishes Successfully ***
************
↑ *** AERMOD - VERSION 22112 ***
                                  *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                    09/29/23
*** AERMET - VERSION 14134 ***
                      ***
                                15:16:42
                                PAGE
*** MODELOPTs:
                  RegDFAULT CONC ELEV RURAL
                                          ***
                                                 MODEL SETUP OPTIONS SUMMARY
** Model Options Selected:
     * Model Uses Regulatory DEFAULT Options
     * Model Is Setup For Calculation of Average CONCentration Values.
     * NO GAS DEPOSITION Data Provided.
     * NO PARTICLE DEPOSITION Data Provided.
     * Model Uses NO DRY DEPLETION. DDPLETE = F
     * Model Uses NO WET DEPLETION. WETDPLT = F
     * Stack-tip Downwash.
     * Model Accounts for ELEVated Terrain Effects.
     * Use Calms Processing Routine.
     * Use Missing Data Processing Routine.
     * No Exponential Decay.
     * Model Uses RURAL Dispersion Only.
     * CCVR_Sub - Meteorological data includes CCVR substitutions
     * TEMP Sub - Meteorological data includes TEMP substitutions
     * Model Assumes No FLAGPOLE Receptor Heights.
     * The User Specified a Pollutant Type of: PM 10
**Model Calculates 1 Short Term Average(s) of:
                                                 1-HR
    and Calculates PERIOD Averages
**This Run Includes: 371 Source(s); 1 Source Group(s); and
                                                                     2335
Receptor(s)
```

\*\*

```
0 POINTCAP(s) and
                                                 0 POINTHOR(s)
                        371 VOLUME source(s)
                and:
                          0 AREA type source(s)
                and:
                and:
                          0 LINE source(s)
                          0 RLINE/RLINEXT source(s)
                and:
                          0 OPENPIT source(s)
                and:
                          0 BUOYANT LINE source(s) with a total of      0 line(s)
                and:
                          0 SWPOINT source(s)
                and:
**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) = 60.96; 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:
                                 Pacific.err
**File for Summary of Results:
                                 Pacific.sum
                                    *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
★ *** AERMOD - VERSION 22112 ***
San Marcos\Pacific\Pacific ***
                                     09/29/23
*** AERMET - VERSION 14134 ***
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0 POINT(s), including

with:

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC)	X	Υ	ELEV.	HEIGHT	SY
		VARY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY	,	,	` ,	` ,	,
L0000787	0	0.26954E-02	481599.2	3666970.0	167.5	0.00	4.00
	HRDOW						
L0000788	0	0.26954E-02	481607.1	3666966.7	167.5	0.00	4.00
3.16 NO	HRDOW						
L0000789	0	0.26954E-02	481615.0	3666963.4	167.4	0.00	4.00
3.16 NO	HRDOW	0 260545 02	404633.0	2666060 1	167.2	0.00	4 00
L0000790	0	0.26954E-02	481623.0	3666960.1	167.2	0.00	4.00
3.16 NO L0000791	HRDOW Ø	0.26954E-02	491630 0	2666056 9	167.0	0.00	4.00
3.16 NO	HRDOW	0.209346-02	401030.9	3000930.0	107.0	0.00	4.00
L0000792	0	0.26954E-02	481638 8	3666953 4	166.7	0.00	4.00
3.16 NO	HRDOW	0.207546 02	401030.0	3000333.4	100.7	0.00	4.00
L0000793	0	0.26954E-02	481646.8	3666950.1	166.5	0.00	4.00
3.16 NO	HRDOW						
L0000794	0	0.26954E-02	481654.7	3666946.8	166.5	0.00	4.00
3.16 NO	HRDOW						
L0000795	0	0.26954E-02	481662.6	3666943.5	166.5	0.00	4.00
3.16 NO	HRDOW						
L0000796	0	0.26954E-02	481670.6	3666940.1	166.5	0.00	4.00
3.16 NO	HRDOW						
L0000797	0	0.26954E-02	481678.5	3666936.8	166.4	0.00	4.00
3.16 NO	HRDOW						
L0000798	0	0.26954E-02	481686.4	3666933.5	166.3	0.00	4.00
3.16 NO	HRDOW						
	0	0.26954E-02	481694.4	3666930.2	166.2	0.00	4.00
3.16 NO	HRDOW	0 060545 00	404700 0	2666026 0	465.0	0.00	4 00
L0000800	0	0.26954E-02	481/02.3	3666926.8	165.9	0.00	4.00
3.16 NO	HRDOW	0 260545 02	401710 2	2666022 5	165 6	0.00	4 00
L0000801	UPDOM 0	0.26954E-02	481/10.2	3666923.5	165.6	0.00	4.00
3.16 NO L0000802	HRDOW 0	0.26954E-02	//21710 2	3666920.2	165.4	0.00	4.00
3.16 NO	HRDOW	0.203J4E-02	+01/10.Z	2000320.2	103.4	0.00	4.00
L0000803	0	0.26954E-02	481726.1	3666916.9	165.3	0.00	4.00
_000000	J	5,1055 in 02	.01,20.1	2000210.0	_00.0	3.00	

3.16 NO	HRDOW	0 200545 02	401724 0 2666012 1	165.3	0.00	4 00
L0000804	0	0.26954E-02	481734.0 3666913.5	5 165.3	0.00	4.00
3.16 NO	HRDOW	0 260545 02	401741 0 2666010 1	165 2	0 00	4 00
L0000805 3.16 NO	0 HRDOW	0.26954E-02	481741.9 3666910.2	2 165.3	0.00	4.00
L0000806	UKDOM 0	0.26954E-02	481749.9 3666906.9	9 165.3	0.00	4.00
3.16 NO	HRDOW	0.20954E-02	401/49.9 3000900.3	105.5	0.00	4.00
L0000807	0 0	0.26954E-02	481757.8 3666903.6	5 165.4	0.00	4.00
3.16 NO	HRDOW	0.209346-02	401/3/.0 3000303.0	3 103.4	0.00	4.00
L0000808	0 0	0.26954E-02	481765.7 3666900.2	2 165.4	0.00	4.00
3.16 NO	HRDOW	0.20954L-02	401/05.7 5000500.2	2 105.4	0.00	4.00
L0000809	0 0	0.26954E-02	481773.7 3666896.9	9 165.5	0.00	4.00
3.16 NO	HRDOW	0.20954L-02	401//3./ 3000030.	103.3	0.00	4.00
L0000810	0 0	0.26954E-02	481781.6 3666893.6	5 165.3	0.00	4.00
3.16 NO	HRDOW	0.20JJ4L-02	401/01.0 3000033.0	3 103.3	0.00	4.00
L0000811	0	0.26954E-02	481789.5 3666890.3	3 165.2	0.00	4.00
3.16 NO	HRDOW	0.20JJ4L-02	401/07.7 3000030.	105.2	0.00	4.00
L0000812	0 0	0.26954E-02	481797.5 3666886.9	9 165.2	0.00	4.00
3.16 NO	HRDOW	0.20JJ4L-02	401/5/15 50000001.	103.2	0.00	4.00
L0000813	0 0	0.26954E-02	481805.4 3666883.6	5 165.2	0.00	4.00
3.16 NO	HRDOW	0.205546 02	+01000.+ J00000J.	3 103.2	0.00	4.00
L0000814	0 0	0.26954E-02	481813.3 3666880.3	3 165.1	0.00	4.00
3.16 NO	HRDOW	0.20JJ4L-02	401013.3 3000000.	105.1	0.00	4.00
L0000815	0 0	0.26954E-02	481821.3 3666877.0	0 165.0	0.00	4.00
3.16 NO	HRDOW	0.203346 02	+01021:3 3000077:0	3 103.0	0.00	4.00
L0000816	0	0.26954E-02	481829.2 3666873.6	5 164.8	0.00	4.00
3.16 NO	HRDOW	0.203346 02	+01023.2 3000073.0	3 104.0	0.00	4.00
L0000817	0	0.26954E-02	481837.1 3666870.3	3 164.6	0.00	4.00
3.16 NO	HRDOW	0.203312 02	10103711 30000701	201.0	0.00	1.00
L0000818	0	0.26954E-02	481845.1 3666867.0	0 164.4	0.00	4.00
3.16 NO	HRDOW	0.203312 02	10101311 30000071	201.1	0.00	1.00
L0000819	0	0.26954E-02	481853.0 3666863.7	7 164.2	0.00	4.00
3.16 NO	HRDOW	012077.2 02				.,,,,
L0000820	0	0.26954E-02	481860.9 3666860.3	3 164.0	0.00	4.00
3.16 NO	HRDOW	0.2033.2 02	10200013 30000001.	20110	0.00	
L0000821	0	0.26954E-02	481868.9 3666857.0	0 163.8	0.00	4.00
3.16 NO	HRDOW	012075.2 02				.,,,,
L0000822	0	0.26954F-02	481876.8 3666853.7	7 163.6	0.00	4.00
3.16 NO	HRDOW	012077.2 02				.,,,,
L0000823	0	0.26954E-02	481884.7 3666850.4	4 163.6	0.00	4.00
3.16 NO	HRDOW	012075.2 02				.,,,,
L0000824	0	0.26954E-02	481892.6 3666847.6	0 163.7	0.00	4.00
3.16 NO	HRDOW					.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
L0000825	0	0.26954E-02	481900.6 3666843.7	7 163.9	0.00	4.00
3.16 NO	HRDOW					
L0000826	0	0.26954E-02	481908.5 3666840.4	4 164.1	0.00	4.00
3.16 NO	HRDOW					.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
↑ *** AERMOD		N 22112 ***	*** C:\Users\apo	ll\Desktop\H	ARP2\HARI	P\Pacific
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

INIT. URBAN		EMISSION RATI	E		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC)	Χ	Υ	ELEV.	HEIGHT	SY
	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)			()	()	()	()	()
L0000827	0	0.26954E-02	481916.4	3666837.1	164.2	0.00	4.00
3.16 NO	HRDOW						
L0000828	0	0.26954E-02	481924.4	3666833.7	164.2	0.00	4.00
3.16 NO	HRDOW						
L0000829	0	0.26954E-02	481932.3	3666830.4	164.1	0.00	4.00
3.16 NO	HRDOW						
L0000830	0	0.26954E-02	481940.2	3666827.1	163.8	0.00	4.00
3.16 NO	HRDOW	0 060545 00	404040	2666022 0	462.6	0.00	4 00
L0000831	0	0.26954E-02	481948.2	3666823.8	163.6	0.00	4.00
3.16 NO	HRDOW 0	0.26954E-02	4010E4 6	2666910 9	162 5	0 00	4.00
L0000832 3.16 NO	HRDOW	0.20954E-02	481954.6	3000819.8	163.5	0.00	4.00
L0000833	O NOGAL	0.26954E-02	191051 <i>1</i>	3666911 9	163.5	0.00	4.00
3.16 NO	HRDOW	0.20934L-02	401931.4	3000811.8	103.3	0.00	4.00
L0000834	0 0	0.26954E-02	481948 2	3666803 9	163.4	0.00	4.00
3.16 NO	HRDOW	0.203346 02	401540.2	3000003.3	103.4	0.00	4.00
L0000835	0 0	0.26954E-02	481945.1	3666795.9	163.3	0.00	4.00
3.16 NO	HRDOW	0.2033.2 02	1015 1511	3000,2312	203.3	0.00	
L0000836	0	0.26954E-02	481941.9	3666787.9	163.2	0.00	4.00
3.16 NO	HRDOW						
L0000837	0	0.26954E-02	481938.7	3666779.9	163.0	0.00	4.00
3.16 NO	HRDOW						
L0000838	0	0.26954E-02	481932.2	3666779.9	163.0	0.00	4.00
3.16 NO	HRDOW						
L0000839	0	0.26954E-02	481924.4	3666783.4	163.0	0.00	4.00
3.16 NO	HRDOW						
L0000840	0	0.26954E-02	481916.5	3666786.9	162.9	0.00	4.00
3.16 NO	HRDOW						
L0000841	0	0.26954E-02	481908.5	3666790.0	162.8	0.00	4.00
3.16 NO	HRDOW	0 000545 05	404000	2666722	460.0	0.00	4 66
L0000842	0	0.26954E-02	481900.4	3666792.9	162.8	0.00	4.00
3.16 NO	HRDOW	0 260545 02	404000	2666725	162.0	0.00	4 00
L0000843	0	0.26954E-02	481892.3	3666/95.9	162.9	0.00	4.00

2 16 NO	LIDDOLL						
3.16 NO L0000844	HRDOW Ø	0.26954E-02	481884.3	3666798.9	163.0	0.00	4.00
3.16 NO	HRDOW	0.203346 02	<del>-0100</del> 5	3000730.3	103.0	0.00	4.00
L0000845	0	0.26954E-02	481876.2	3666801.8	163.2	0.00	4.00
3.16 NO	HRDOW						
L0000846	0	0.26954E-02	481868.1	3666804.8	163.5	0.00	4.00
3.16 NO	HRDOW						
L0000847	0	0.26954E-02	481860.0	3666807.8	163.7	0.00	4.00
3.16 NO	HRDOW						
L0000848	0	0.26954E-02	481852.0	3666810.7	163.8	0.00	4.00
3.16 NO	HRDOW		404040	24442			
L0000849	0	0.26954E-02	481843.9	3666813./	164.0	0.00	4.00
3.16 NO	HRDOW	0 260545 02	401044 2	2666920 5	164 0	0 00	4 00
L0000850 3.16 NO	0 HRDOW	0.26954E-02	401044.2	3000820.3	164.0	0.00	4.00
L0000851	0 NDOW	0.26954E-02	181817 <b>2</b>	3666828 6	164.0	0.00	4.00
3.16 NO	HRDOW	0.20JJ4L-02	401047.2	3000828.0	104.0	0.00	4.00
L0000852	0	0.26954E-02	481853.4	3666829.9	163.8	0.00	4.00
3.16 NO	HRDOW	01-075.1 0-	.0_000.	50000=111			
L0000853	0	0.26954E-02	481861.5	3666827.0	163.6	0.00	4.00
3.16 NO	HRDOW						
L0000854	0	0.26954E-02	481869.6	3666824.1	163.4	0.00	4.00
3.16 NO	HRDOW						
L0000855	0	0.26954E-02	481877.7	3666821.3	163.3	0.00	4.00
3.16 NO	HRDOW						
L0000856	0	0.26954E-02	481885.8	3666818.4	163.3	0.00	4.00
3.16 NO	HRDOW		404000	244245 5	4.60.0		
L0000857	0	0.26954E-02	481893.9	3666815.5	163.2	0.00	4.00
3.16 NO	HRDOW	0 200545 02	401002 0	2666912 6	162 1	0.00	4 00
L0000858 3.16 NO	0 HRDOW	0.26954E-02	481902.0	3666812.6	163.1	0.00	4.00
L0000859	0 NDOW	0.26954E-02	<i>1</i> 81910 1	3666809 8	163.1	0.00	4.00
3.16 NO	HRDOW	0.203346 02	401910.1	3000003.0	103.1	0.00	4.00
L0000860	0	0.26954E-02	481915.9	3666811.1	163.3	0.00	4.00
3.16 NO	HRDOW						
L0000861	0	0.26954E-02	481917.7	3666819.5	163.6	0.00	4.00
3.16 NO	HRDOW						
L0000862	0	0.26954E-02	481913.7	3666824.8	163.7	0.00	4.00
3.16 NO	HRDOW						
L0000863	0	0.26954E-02	481905.7	3666827.8	163.7	0.00	4.00
3.16 NO	HRDOW		40400= 4	244422			
L0000864	0	0.26954E-02	481897.6	3666830.7	163.6	0.00	4.00
3.16 NO L0000865	HRDOW	0 260545 02	401000 F	2666022 7	162 5	0.00	4.00
3.16 NO	0 HRDOW	0.26954E-02	401009.5	3000033.7	163.5	0.00	4.00
L0000866	0 0	0.26954E-02	<i>1</i> 81881 5	3666836 7	163 3	0.00	4.00
3.16 NO	HRDOW	0.203346 02	401001.5	3000030.7	103.3	0.00	4.00
↑ *** AERMOD -		N 22112 ***	*** C:\	Users\apoll\	Desktop\HA	RP2\HARP\	Pacific
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*** AERMET -							

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC)	Χ	Υ	ELEV.	HEIGHT	SY
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY 					
L0000867		0.26954E-02	481873.4	3666839.7	163.2	0.00	4.00
3.16 NO L0000868	HRDOW 0	0.26954E-02	121265 3	3666842 7	163.6	0.00	4.00
3.16 NO	HRDOW	0.20954L-02	401003.3	3000842.7	105.0	0.00	4.00
L0000869	0	0.26954E-02	481857.3	3666845.7	163.8	0.00	4.00
3.16 NO	HRDOW						
L0000870	0	0.26954E-02	481849.2	3666848.6	164.1	0.00	4.00
3.16 NO	HRDOW	0 000545 00	404044 4	2666054	464.3	0.00	4 00
L0000871	0 HRDOW	0.26954E-02	481841.1	3666851.6	164.3	0.00	4.00
3.16 NO L0000872	UKDOM 0	0.26954E-02	<i>1</i> 81837 6	3666845 3	164.4	0.00	4.00
3.16 NO	HRDOW	0.20JJ4L-02	401037.0	3000843.3	104.4	0.00	4.00
L0000873	0	0.26954E-02	481835.0	3666837.2	164.4	0.00	4.00
3.16 NO	HRDOW						
L0000874	0	0.26954E-02	481832.3	3666829.0	164.4	0.00	4.00
3.16 NO	HRDOW						
L0000875	0	0.26954E-02	481828.9	3666822.4	164.4	0.00	4.00
3.16 NO	HRDOW						
L0000876	0	0.26954E-02	481821.0	3666825.7	164.5	0.00	4.00
3.16 NO	HRDOW						
L0000877	0	0.26954E-02	481813.0	3666829.0	164.5	0.00	4.00
3.16 NO	HRDOW	0 260545 02	401014 1	2666026 2	164.6	0.00	4.00
L0000878	0	0.26954E-02	481814.1	3666836.3	164.6	0.00	4.00
3.16 NO L0000879	HRDOW 0	0.26954E-02	101016 Q	2666911 5	164.7	0.00	4.00
3.16 NO	HRDOW	0.20934L-02	401010.9	3000844.3	104.7	0.00	4.00
L0000880	0 0	0.26954E-02	481819.8	3666852.6	164.8	0.00	4.00
3.16 NO	HRDOW	0.2033.2 02	.01015.0	3000032.0	201.0	0.00	
L0000881	0	0.26954E-02	481818.3	3666858.7	164.9	0.00	4.00
3.16 NO	HRDOW						
L0000882	0	0.26954E-02	481810.3	3666861.9	165.2	0.00	4.00
3.16 NO	HRDOW						
L0000883	0	0.26954E-02	481802.3	3666865.0	165.4	0.00	4.00

3.16 NO	HRDOW	0 060545 00	404700 4	2666057.2	465.0	0.00	4 00
L0000884	0	0.26954E-02	481/99.1	3666857.2	165.2	0.00	4.00
3.16 NO	HRDOW		404704.0	244242			4 00
L0000885	0	0.26954E-02	481/96.0	3666849.2	164.8	0.00	4.00
3.16 NO	HRDOW						
L0000886	0	0.26954E-02	481792.9	3666841.2	164.5	0.00	4.00
3.16 NO	HRDOW						
L0000887	0	0.26954E-02	481789.8	3666833.1	164.5	0.00	4.00
3.16 NO	HRDOW						
L0000888	0	0.26954E-02	481786.7	3666825.1	164.5	0.00	4.00
3.16 NO	HRDOW						
L0000889	0	0.26954E-02	481783.7	3666817.1	164.6	0.00	4.00
3.16 NO	HRDOW						
L0000890	0	0.26954E-02	481780.6	3666809.0	164.8	0.00	4.00
3.16 NO	HRDOW						
L0000891	0	0.26954E-02	481777.5	3666801.0	164.8	0.00	4.00
3.16 NO	HRDOW						
L0000892	0	0.26954E-02	481774.4	3666793.0	164.8	0.00	4.00
3.16 NO	HRDOW						
L0000893	0	0.26954E-02	481771.4	3666784.9	164.8	0.00	4.00
3.16 NO	HRDOW						
L0000894	0	0.26954E-02	481768.3	3666776.9	164.8	0.00	4.00
3.16 NO	HRDOW						
L0000895	0	0.26954E-02	481765.2	3666768.9	164.7	0.00	4.00
3.16 NO	HRDOW						
L0000896	0	0.26954E-02	481762.1	3666760.9	164.6	0.00	4.00
3.16 NO	HRDOW						
L0000897	0	0.26954E-02	481759.0	3666752.8	164.5	0.00	4.00
3.16 NO	HRDOW						
L0000898	0	0.26954E-02	481756.0	3666744.8	164.4	0.00	4.00
3.16 NO	HRDOW						
L0000899	0	0.26954E-02	481752.9	3666736.8	164.4	0.00	4.00
3.16 NO	HRDOW						
L0000900	0	0.26954E-02	481745.5	3666738.6	164.6	0.00	4.00
3.16 NO	HRDOW	0.2033.2 02	1017 1313	3000730.0	20110	0.00	
L0000901	0	0.26954E-02	481737.6	3666741.9	164.8	0.00	4.00
3.16 NO	HRDOW	0.0000.00	.0_/0//0				
L0000902	0	0.26954E-02	481729.6	3666745.2	164.9	0.00	4.00
3.16 NO	HRDOW	0.203312 02	101,23.0	30007 13.2	10115	0.00	
L0000903	0	0.26954E-02	481721.7	3666748.4	165.1	0.00	4.00
3.16 NO	HRDOW	0.203346 02	401/21./	30007-01-	103.1	0.00	4.00
L0000904	0	0.26954E-02	<i>1</i> 81713 7	3666751 7	165.3	0.00	4.00
3.16 NO	HRDOW	0.205546 02	401/13.7	3000731.7	103.3	0.00	4.00
L0000905	0	0.26954E-02	481705 8	3666755 0	165.5	0.00	4.00
3.16 NO	HRDOW	0.205546 02	401703.0	3000733.0	103.3	0.00	4.00
L0000906	0 0	0.26954E-02	191607 Q	3666758 2	165.7	0.00	4.00
3.16 NO	HRDOW	0.20934L-02	401097.8	3000738.2	105.7	0.00	4.00
↑ *** AERMOD		NI 22112 ***	*** (.\!	  sers\apoll	Deckton\ UA	(BD3/ UVDV)	Dacific
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

INIT. URBAN		EMISSION RATI ON RATE	Ē		BASE	RELEASE	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Υ	ELEV.	HEIGHT	SY
SZ SOURCE ID	SCALAR CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY					
L0000907	9	0.26954E-02	/81689 8	3666761 5	165 0	9 99	4.00
3.16 NO	HRDOW	0.20JJ4L 02	+01000.0	3000701.3	103.5	0.00	4.00
L0000908	0	0.26954E-02	481681.9	3666764.8	166.1	0.00	4.00
3.16 NO	HRDOW						
L0000909	0	0.26954E-02	481673.9	3666768.0	166.2	0.00	4.00
3.16 NO	HRDOW						
L0000910	0	0.26954E-02	481666.0	3666771.3	166.4	0.00	4.00
3.16 NO	HRDOW	0 060545 00	404650.0	2666774	166.6	0.00	4 00
L0000911	0	0.26954E-02	481658.0	3666//4.6	166.6	0.00	4.00
3.16 NO L0000912	HRDOW 0	0.26954E-02	1016EQ 1	2666777 0	166.8	0.00	4.00
3.16 NO	HRDOW	0.209346-02	401030.1	3000///.0	100.0	0.00	4.00
L0000913	O O	0.26954E-02	181612 1	3666781 1	167.1	0.00	4.00
3.16 NO	HRDOW	0.20JJ4L-02	401042.1	3000781.1	107.1	0.00	4.00
L0000914	0 0	0.26954E-02	481634.1	3666784.4	167.6	0.00	4.00
3.16 NO	HRDOW	0,2033.2 02	10103111	30007011	20, 10	0.00	
L0000915	0	0.26954E-02	481626.2	3666787.6	168.1	0.00	4.00
3.16 NO	HRDOW						
L0000916	0	0.26954E-02	481618.2	3666790.9	168.5	0.00	4.00
3.16 NO	HRDOW						
L0000917	0	0.26954E-02	481610.3	3666794.2	168.7	0.00	4.00
3.16 NO	HRDOW						
L0000918	0	0.26954E-02	481608.1	3666801.3	168.9	0.00	4.00
3.16 NO	HRDOW						
	0	0.26954E-02	481608.1	3666809.9	169.0	0.00	4.00
3.16 NO	HRDOW						
L0000920	0	0.26954E-02	481608.1	3666818.5	169.0	0.00	4.00
3.16 NO	HRDOW		404455				4.65
L0000921	0	0.26954E-02	481608.1	3666827.1	169.1	0.00	4.00
3.16 NO	HRDOW	0 260545 02	401600 1	2666825 7	160 1	0.00	4 00
L0000922	UPDOM 0	0.26954E-02	481608.1	3666835.7	169.1	0.00	4.00
3.16 NO L0000923	HRDOW 0	0 260545 02	101600 1	3666944 3	160 0	0 00	4.00
<b>LUUUUJZ</b> 3	О	0.26954E-02	401000.1	3666844.3	168.8	0.00	4.00

2 16 NO	LIDDOLL						
3.16 NO L0000924	HRDOW 0	0.26954E-02	481606.6	3666852.7	168.4	0.00	4.00
3.16 NO	HRDOW	0.203346 02	401000.0	3000032.7	100.4	0.00	4.00
L0000925	0	0.26954E-02	481604.0	3666860.9	167.9	0.00	4.00
3.16 NO	HRDOW						
L0000926	0	0.26954E-02	481601.4	3666869.1	167.4	0.00	4.00
3.16 NO	HRDOW						
L0000927	0	0.26954E-02	481598.8	3666877.3	167.2	0.00	4.00
3.16 NO	HRDOW						
L0000928	0	0.26954E-02	481596.2	3666885.5	167.1	0.00	4.00
3.16 NO	HRDOW						
L0000929	0	0.26954E-02	481591.1	3666891.8	167.2	0.00	4.00
3.16 NO	HRDOW						
L0000930	0	0.26954E-02	481584.1	3666896.9	167.4	0.00	4.00
3.16 NO	HRDOW						
L0000931	0	0.26954E-02	481577.2	3666902.0	167.7	0.00	4.00
3.16 NO	HRDOW						
L0000932	0	0.26954E-02	481569.7	3666906.1	168.1	0.00	4.00
3.16 NO	HRDOW	0 260545 02	404566 7	2666011 2	160.3	0.00	4 00
L0000933	0	0.26954E-02	481566.7	3666911.3	168.2	0.00	4.00
3.16 NO	HRDOW	0 200545 02	401570 7	2666010 0	160 1	0.00	4 00
L0000934 3.16 NO	0 HRDOW	0.26954E-02	4815/0./	3000310.9	168.1	0.00	4.00
3.16 NO L0000935	0 0	0.26954E-02	191571 7	3666026 5	168.1	0.00	4.00
3.16 NO	HRDOW	0.20954L-02	4013/4./	3000920.3	100.1	0.00	4.00
L0000936	0	0.26954E-02	<i>1</i> 81578 7	3666934 1	168.2	0.00	4.00
3.16 NO	HRDOW	0.203346 02	401370.7	3000334.1	100.2	0.00	4.00
L0000937	0	0.26954E-02	481582.7	3666941.8	168.1	0.00	4.00
3.16 NO	HRDOW	01207012 02	.0_50_17				
L0000938	0	0.26954E-02	481586.6	3666949.4	168.0	0.00	4.00
3.16 NO	HRDOW						
L0000939	0	0.26954E-02	481592.5	3666951.8	167.9	0.00	4.00
3.16 NO	HRDOW						
L0000940	0	0.26954E-02	481600.4	3666948.4	167.8	0.00	4.00
3.16 NO	HRDOW						
L0000941	0	0.26954E-02	481608.3	3666945.1	167.6	0.00	4.00
3.16 NO	HRDOW						
L0000942	0	0.26954E-02	481616.2	3666941.7	167.4	0.00	4.00
3.16 NO	HRDOW						
L0000943	0	0.26954E-02	481624.1	3666938.3	167.1	0.00	4.00
3.16 NO	HRDOW	0 000545 00	404633.4	2666025 0	455.0	0.00	4 00
L0000944	0	0.26954E-02	481632.1	3666935.0	166.9	0.00	4.00
3.16 NO	HRDOW	0 200545 02	401640 0	2666021 6	166.0	0.00	4 00
L0000945	HBDOM 0	0.26954E-02	481640.0	3666931.6	166.8	0.00	4.00
3.16 NO L0000946	HRDOW	0 260545 02	491647 O	2666020 2	166 6	0 00	4.00
3.16 NO	0 HRDOW	0.26954E-02	401047.9	3000920.2	100.0	0.00	4.00
↑ *** AERMOD -		N 22112 ***	*** <b>( · \</b>	lisers\anoli\	Deskton\U/	/RD2/HVBD/	Pacific
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

INIT. URBAN		EMISSION RATI	Ē		BASE	RELEASE	INIT.
	PART.	(GRAMS/SEC)	X	Υ	ELEV.	HEIGHT	SY
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY					
L0000947		0.26954E-02	481655.8	3666924.9	166.6	0.00	4.00
3.16 NO L0000948		0.26954E-02	101662 7	2666021 5	166.4	0.00	4.00
3.16 NO	HRDOW	0.20954E-02	481003.7	3000921.5	100.4	0.00	4.00
L0000949	0	0.26954E-02	481671.6	3666918.2	166.1	0.00	4.00
3.16 NO	HRDOW	0.203346 02	401071.0	3000310.2	100.1	0.00	4.00
L0000950	0	0.26954E-02	481679.5	3666914.8	165.9	0.00	4.00
3.16 NO	HRDOW						
L0000951	0	0.26954E-02	481687.5	3666911.4	165.7	0.00	4.00
3.16 NO							
L0000952	0	0.26954E-02	481695.4	3666908.1	165.5	0.00	4.00
3.16 NO							
L0000953	0	0.26954E-02	481703.3	3666904.7	165.3	0.00	4.00
3.16 NO		0 200545 02	401711 0	2666001 2	165 1	0.00	4 00
L0000954 3.16 NO	0 HRDOW	0.26954E-02	481/11.2	3000901.3	165.1	0.00	4.00
L0000955		0.26954E-02	191710 1	3666808 0	165.1	0.00	4.00
3.16 NO	HRDOW	0.20JJ4L-02	401/17.1	3000838.0	105.1	0.00	4.00
L0000956	0	0.26954E-02	481727.0	3666894.6	165.2	0.00	4.00
3.16 NO	HRDOW						
L0000957	0	0.26954E-02	481734.9	3666891.2	165.2	0.00	4.00
3.16 NO	HRDOW						
L0000958	0	0.26954E-02	481742.9	3666887.9	165.1	0.00	4.00
3.16 NO							
L0000959		0.26954E-02	481750.8	3666884.5	165.1	0.00	4.00
3.16 NO	HRDOW	0 200545 02	401750 7	2666001 1	165 1	0.00	4 00
L0000960 3.16 NO	0 HRDOW	0.26954E-02	481/58./	3000881.1	165.1	0.00	4.00
L0000961	O O	0.26954E-02	481766 6	3666877.8	165.1	0.00	4.00
3.16 NO	HRDOW	0.20JJ+L 02	.01700.0	2000077.0	100.1	0.00	7.00
L0000962	0	0.26954E-02	481774.5	3666874.4	165.1	0.00	4.00
3.16 NO	HRDOW						
L0000963	0	0.26954E-02	481774.0	3666867.3	165.0	0.00	4.00

2.44							
3.16 NO	HRDOW	0 260545 02	401771 2	2666050 1	164.0	0.00	4 00
L0000964	0	0.26954E-02	481//1.3	3666859.1	164.8	0.00	4.00
3.16 NO L0000965	HRDOW	0 260545 02	401760 F	2666951 0	164 0	0.00	4 00
3.16 NO	0 HRDOW	0.26954E-02	401/00.5	3666851.0	164.8	0.00	4.00
L0000966	о О	0.26954E-02	10176E 7	3666842.9	161 0	0.00	4.00
3.16 NO	HRDOW	0.20934E-02	401/03./	3000042.9	164.8	0.00	4.00
L0000967	0 0	0.26954E-02	191762 A	3666834.7	164.9	0.00	4.00
3.16 NO	HRDOW	0.209346-02	401/03.0	3000634.7	104.9	0.00	4.00
L0000968	0 0	0.26954E-02	191760 2	3666826.6	165.1	0.00	4.00
3.16 NO	HRDOW	0.20954L-02	401700.2	3000820.0	103.1	0.00	4.00
L0000969	11KD0W	0.26954E-02	191757 <i>1</i>	3666818.4	165.3	0.00	4.00
3.16 NO	HRDOW	0.20954L-02	401/3/.4	3000818.4	105.5	0.00	4.00
L0000970	0 0	0.26954E-02	191751 7	3666810.3	165.4	0.00	4.00
3.16 NO	HRDOW	0.20954L-02	401/54./	3000810.3	103.4	0.00	4.00
L0000971	0 0	0.26954E-02	/81751 Q	3666802.1	165.4	0.00	4.00
3.16 NO	HRDOW	0.20JJ4L-02	401/31.3	3000802.1	105.4	0.00	4.00
L0000972	11KD0W	0.26954E-02	191710 1	3666794.0	165.3	0.00	4.00
3.16 NO	HRDOW	0.20954L-02	401/49.1	3000734.0	105.5	0.00	4.00
L0000973	11KD0W	0.26954E-02	181716 3	3666785.9	165.2	0.00	4.00
3.16 NO	HRDOW	0.20954L-02	401740.5	3000763.9	103.2	0.00	4.00
L0000974	0 0	0.26954E-02	191713 6	3666777.7	165.1	0.00	4.00
3.16 NO	HRDOW	0.20JJ4L-02	401743.0	3000777.7	105.1	0.00	4.00
L0000975	0 0	0.26954E-02	181710 S	3666769.6	165.0	0.00	4.00
3.16 NO	HRDOW	0.203346 02	401740.0	3000703.0	105.0	0.00	4.00
L0000976	0 0	0.26954E-02	<i>4</i> 81735 2	3666767.7	165.1	0.00	4.00
3.16 NO	HRDOW	0.203346 02	<del>-</del> 01/33.2	3000707.7	103.1	0.00	4.00
L0000977	0 0	0.26954E-02	481727 2	3666771.0	165.2	0.00	4.00
3.16 NO	HRDOW	0.203346 02	401/2/12	3000771.0	103.2	0.00	4.00
L0000978	0 e	0.26954E-02	481719 3	3666774.3	165.4	0.00	4.00
3.16 NO	HRDOW	0.203346 02	401719.9	3000774.3	103.4	0.00	4.00
L0000979	0	0.26954E-02	481711.3	3666777.5	165.6	0.00	4.00
3.16 NO	HRDOW	0.203312 02	10171113	3000777.3	103.0	0.00	1.00
L0000980	0	0.26954E-02	481703.3	3666780.8	165.8	0.00	4.00
3.16 NO	HRDOW	0.203312 02	10170313	3000700.0	103.0	0.00	1.00
L0000981	0	0.26954E-02	481695.4	3666784.0	166.1	0.00	4.00
3.16 NO	HRDOW	0.2033.12 02	.02055.	300070110	20012	0.00	
L0000982	0	0.26954E-02	481687.4	3666787.3	166.3	0.00	4.00
3.16 NO	HRDOW	0.203312 02	101007.1	3000707.3	100.5	0.00	1.00
L0000983	0	0.26954E-02	481679.5	3666790.6	166.5	0.00	4.00
3.16 NO	HRDOW	0.2033.12 02	.020,515	3000730.0	200.5	0.00	
L0000984	0	0.26954E-02	481671.5	3666793.8	166.7	0.00	4.00
3.16 NO	HRDOW	0.2033.12 02	.010,113	3000733.0	20017	0.00	
L0000985	0	0.26954E-02	481663.5	3666797.1	167.0	0.00	4.00
3.16 NO	HRDOW	3.11333.11 02	.52005.5	2000.27.1	,	5.00	
L0000986	0	0.26954E-02	481655.6	3666800.3	167.3	0.00	4.00
3.16 NO	HRDOW	3.233312 02	.51055.0	200000.3	_0,•5	0.00	
↑ *** AERMOD		N 22112 ***	*** ( • \	Users\apoll\	Deskton\H4	\RP2\HARP\	Pacific
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

TNIT LIDDAN		EMISSION RAT	E		BASE	RELEASE	INIT.
INIT. URBAN SOURCE SZ SOURCE	PART.	(GRAMS/SEC)	Χ	Υ	ELEV.	HEIGHT	SY
	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)							
L0000987		0.26954E-02	481647.6	3666803.6	167.6	0.00	4.00
3.16 NO L0000988	HRDOW 0	0.26954E-02	191630 7	3666806 0	168.0	0.00	4.00
3.16 NO	HRDOW	0.209346-02	401039.7	3000800.9	100.0	0.00	4.00
L0000989	0 0	0.26954E-02	481631.7	3666810.1	168.3	0.00	4.00
3.16 NO	HRDOW	0,10,0,1	.0205217	30000			
L0000990	0	0.26954E-02	481626.5	3666815.2	168.6	0.00	4.00
3.16 NO	HRDOW						
L0000991	0	0.26954E-02	481626.7	3666823.8	168.7	0.00	4.00
3.16 NO	HRDOW						
L0000992	0	0.26954E-02	481626.9	3666832.4	168.8	0.00	4.00
3.16 NO	HRDOW						
L0000993	0	0.26954E-02	481627.1	3666841.0	168.9	0.00	4.00
3.16 NO	HRDOW	0 200545 02	401637 3	2666840 6	1C0 F	0.00	4 00
L0000994	0 0	0.26954E-02	481627.3	3666849.6	168.5	0.00	4.00
3.16 NO L0000995	HRDOW 0	0.26954E-02	401637 E	2666050 2	168.0	0.00	4.00
3.16 NO	HRDOW	0.20934L-02	401027.3	3000838.2	100.0	0.00	4.00
L0000996	0 0	0.26954E-02	481625.0	3666866.4	167.5	0.00	4.00
3.16 NO	HRDOW	0,10,0,1	.0202510				
L0000997	0	0.26954E-02	481622.4	3666874.6	167.2	0.00	4.00
3.16 NO	HRDOW						
L0000998	0	0.26954E-02	481619.7	3666882.8	167.0	0.00	4.00
3.16 NO	HRDOW						
L0000999	0	0.26954E-02	481617.1	3666890.9	166.8	0.00	4.00
3.16 NO	HRDOW						
L0001000	0	0.26954E-02	481611.1	3666896.9	166.8	0.00	4.00
3.16 NO	HRDOW	0 260545 02	401604 6	2666002 6	166.0	0.00	4 00
L0001001	0 HRDOW	0.26954E-02	481604.6	3666902.6	166.8	0.00	4.00
3.16 NO L0001002	HKDOW 0	0.26954E-02	121502 2	3666908.3	167.1	0.00	4.00
3.16 NO	HRDOW	0.20JJ4L-02	-01JJU.Z	2000200.2	10/.1	0.00	7.00
L0001003	0	0.26954E-02	481591.7	3666913.9	167.5	0.00	4.00

2.44						
3.16 NO	HRDOW	0 200545 02	401502 0 200021 /	167.0	0.00	4 00
L0001004	0	0.26954E-02	481593.8 3666921.6	5 167.8	0.00	4.00
3.16 NO L0001005	HRDOW	0 260545 02	401507 1 2666020 1	160 0	0 00	4 00
3.16 NO	0 HRDOW	0.26954E-02	481597.1 3666929.5	5 168.0	0.00	4.00
L0001006	UKDOM 0	0.26954E-02	481603.0 3666931.0	0 167.8	0.00	4.00
3.16 NO	HRDOW	0.20954E-02	401003.0 3000931.0	0 107.0	0.00	4.00
L0001007	0 0	0.26954E-02	481610.9 3666927.7	7 167.4	0.00	4.00
3.16 NO	HRDOW	0.20954E-02	401010.9 3000927.7	7 167.4	0.00	4.00
L0001008	O O	0.26954E-02	481618.8 3666924.3	3 167.1	0.00	4.00
3.16 NO	HRDOW	0.20954L-02	401010.0 3000324	5 107.1	0.00	4.00
L0001009	0	0.26954E-02	481626.8 3666921.6	0 166.9	0.00	4.00
3.16 NO	HRDOW	0.20954L-02	401020.0 3000321.0	9 100.9	0.00	4.00
L0001010	0 0	0.26954E-02	481634.7 3666917.6	5 166.8	0.00	4.00
3.16 NO	HRDOW	0.20954L-02	401034.7 3000317.0	3 100.8	0.00	4.00
L0001011	0	0.26954E-02	481642.6 3666914.3	3 166.8	0.00	4.00
3.16 NO	HRDOW	0.20JJ4L-02	401042.0 3000314.	100.0	0.00	4.00
L0001012	0 0	0.26954E-02	481650.5 3666910.9	9 166.6	0.00	4.00
3.16 NO	HRDOW	0.20JJ4L-02	401030.3 3000310.	100.0	0.00	4.00
L0001013	0	0.26954E-02	481658.4 3666907.6	5 166.3	0.00	4.00
3.16 NO	HRDOW	0.20JJ4L-02	401030.4 3000307.0	3 100.5	0.00	4.00
L0001014	0	0.26954E-02	481666.4 3666904.2	2 165.9	0.00	4.00
3.16 NO	HRDOW	0.20JJ4L-02	401000.4 3000304.2	2 103.5	0.00	4.00
L0001015	0 0	0.26954E-02	481674.3 3666900.9	9 165.6	0.00	4.00
3.16 NO	HRDOW	0.203346 02	4010/4.5 50005001.	103.0	0.00	4.00
L0001016	0	0.26954E-02	481682.2 3666897.5	5 165.7	0.00	4.00
3.16 NO	HRDOW	0.203346 02	+01002:2 J0000J7:	103.7	0.00	4.00
L0001017	0	0.26954E-02	481690.1 3666894.2	2 165.6	0.00	4.00
3.16 NO	HRDOW	0.203312 02	10103011 300003111	203.0	0.00	1.00
L0001018	0	0.26954E-02	481698.1 3666890.8	8 165.5	0.00	4.00
3.16 NO	HRDOW	0.203312 02	10103011 300003010	3 103.3	0.00	1.00
L0001019	0	0.26954E-02	481706.0 3666887.5	5 165.5	0.00	4.00
3.16 NO	HRDOW	012077.2 02				.,,,,
L0001020	0	0.26954E-02	481713.9 3666884.3	1 165.5	0.00	4.00
3.16 NO	HRDOW	0.2033.2 02	10272313 300000111		0.00	
L0001021	0	0.26954E-02	481721.8 3666880.8	3 165.4	0.00	4.00
3.16 NO	HRDOW	012077.2 02				.,,,,
L0001022	0	0.26954F-02	481729.7 3666877.5	5 165.3	0.00	4.00
3.16 NO	HRDOW	012077.2 02				.,,,,
L0001023	0	0.26954E-02	481737.7 3666874.3	1 165.2	0.00	4.00
3.16 NO	HRDOW	012077.2 02				.,,,,
L0001024	0	0.26954E-02	481745.6 3666870.8	3 164.9	0.00	4.00
3.16 NO	HRDOW	012077.2 02				.,,,,
L0001025	0	0.26954E-02	481750.7 3666866.3	1 164.9	0.00	4.00
3.16 NO	HRDOW					.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
L0001026	0	0.26954F-02	481748.0 3666858.0	0 165.1	0.00	4.00
3.16 NO	HRDOW	012077.2 02				.,,,,
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
SOURCE	PART.	(GRAMS/SEC)	Х	Υ	ELEV.	HEIGHT	SY
SZ SOURCE ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY	(**= * = **** )	(**************************************	(**************************************	(**************************************	(,
L0001027		0.26954E-02	481745.4	3666849.8	165.3	0.00	4.00
3.16 NO L0001028	HRDOW 0	0.26954E-02	101712 7	2666941 6	165.6	0.00	4.00
3.16 NO	HRDOW	0.209346-02	401/42./	3000841.0	103.0	0.00	4.00
L0001029	0 0	0.26954E-02	481740.0	3666833.5	165.7	0.00	4.00
3.16 NO	HRDOW	0.2033.2 02	1027 1010	3000033.7	20317	0.00	
L0001030	0	0.26954E-02	481737.3	3666825.3	165.8	0.00	4.00
3.16 NO	HRDOW						
L0001031	0	0.26954E-02	481734.6	3666817.1	165.8	0.00	4.00
3.16 NO	HRDOW						
L0001032	0	0.26954E-02	481731.9	3666808.9	165.8	0.00	4.00
3.16 NO	HRDOW						
L0001033	0	0.26954E-02	481729.2	3666800.8	165.7	0.00	4.00
3.16 NO	HRDOW	0 200545 02	401706 4	2666702.0	165 6	0.00	4 00
L0001034	0 0	0.26954E-02	481/26.4	3666/93.0	165.6	0.00	4.00
3.16 NO L0001035	HRDOW 0	0.26954E-02	101710 2	2666705 7	165.8	0.00	4.00
3.16 NO	HRDOW	0.20934L-02	401/10.2	3000793.7	105.0	0.00	4.00
L0001036	0 0	0.26954E-02	481710.1	3666798.4	166.1	0.00	4.00
3.16 NO	HRDOW	0,10,0,1	.0_/_0				
L0001037	0	0.26954E-02	481701.9	3666801.1	166.4	0.00	4.00
3.16 NO	HRDOW						
L0001038	0	0.26954E-02	481693.8	3666803.8	166.7	0.00	4.00
3.16 NO	HRDOW						
	0	0.26954E-02	481685.6	3666806.6	166.8	0.00	4.00
3.16 NO	HRDOW			2444000	447.0		
L0001040	0	0.26954E-02	4816//.4	3666809.3	167.0	0.00	4.00
3.16 NO	HRDOW	0 260545 02	491660 3	2666912 0	167.2	0.00	4 00
L0001041 3.16 NO	0 HRDOW	0.26954E-02	401009.3	3666812.0	167.2	0.00	4.00
L0001042	O O	0.26954E-02	481661 1	3666814.7	167.5	0.00	4.00
3.16 NO	HRDOW	3.2055TL 02	.01001.1	33000±-17	107.5	0.00	
L0001043	0	0.26954E-02	481653.0	3666817.4	167.9	0.00	4.00

2.44							
3.16 NO	HRDOW	0 200545 02	401640 0 3	2666022.2	160.3	0.00	4 00
L0001044	0 0	0.26954E-02	481648.9	3666823.2	168.2	0.00	4.00
3.16 NO	HRDOW	0.26954E-02	101610 1	2666021 0	160 F	0 00	4 00
L0001045 3.16 NO	0 HRDOW	0.20954E-02	481648.4	3000831.8	168.5	0.00	4.00
L0001046	UKDOM 0	0.26954E-02	481648.0	2666910 1	168.7	0 00	4.00
3.16 NO	HRDOW	0.20954E-02	401040.0	3000040.4	100.7	0.00	4.00
L0001047	0 0	0.26954E-02	481647.6	2666940 0	168.4	0.00	4.00
3.16 NO	HRDOW	0.20954E-02	461047.0	3000049.0	100.4	0.00	4.00
L0001048	UKDOM 0	0.26954E-02	481647.2	2666957 6	168.0	0.00	4.00
3.16 NO	HRDOW	0.209346-02	401047.2	3000637.0	100.0	0.00	4.00
L0001049		0 260545 02	401 <i>C</i> 4E 0 1	2666966 0	167 6	0 00	4 00
	0 0	0.26954E-02	481645.8	3000000.0	167.6	0.00	4.00
3.16 NO	HRDOW	0 200545 02	401642 0 3	0666074 1	167.2	0.00	4 00
L0001050	0 0	0.26954E-02	481642.9	3666874.1	167.3	0.00	4.00
3.16 NO	HRDOW	0 200545 02	401640 0 3	2666002 2	167.3	0.00	4 00
L0001051	0	0.26954E-02	481640.0	3666882.2	167.2	0.00	4.00
3.16 NO	HRDOW	0 060545 00	404637.4.5	2666000 2	467.0	0.00	4 00
L0001052	0	0.26954E-02	481637.1	3666890.3	167.0	0.00	4.00
3.16 NO	HRDOW	0 060545 00	404644 5 3	2666004 2	467.0	0.00	4 00
L0001053	0	0.26954E-02	481641.5	3666891.2	167.0	0.00	4.00
3.16 NO	HRDOW						
L0001054	0	0.26954E-02	481649.6	3666888.4	167.0	0.00	4.00
3.16 NO	HRDOW						
L0001055	0	0.26954E-02	481657.7	3666885.5	166.9	0.00	4.00
3.16 NO	HRDOW						
L0001056	0	0.26954E-02	481665.9	3666882.7	166.9	0.00	4.00
3.16 NO	HRDOW						
L0001057	0	0.26954E-02	481674.0	3666879.9	166.9	0.00	4.00
3.16 NO	HRDOW						
L0001058	0	0.26954E-02	481682.1	3666877.0	166.7	0.00	4.00
3.16 NO	HRDOW						
L0001059	0	0.26954E-02	481690.2	3666874.2	166.4	0.00	4.00
3.16 NO	HRDOW						
L0001060	0	0.26954E-02	481698.3	3666871.4	166.1	0.00	4.00
3.16 NO	HRDOW						
L0001061	0	0.26954E-02	481706.5	3666868.5	166.0	0.00	4.00
3.16 NO	HRDOW						
L0001062	0	0.26954E-02	481714.6	3666865.7	165.9	0.00	4.00
3.16 NO	HRDOW						
L0001063	0	0.26954E-02	481722.7	3666862.9	165.8	0.00	4.00
3.16 NO	HRDOW						
L0001064	0	0.26954E-02	481728.1	3666858.7	165.7	0.00	4.00
3.16 NO	HRDOW						
L0001065	0	0.26954E-02	481725.1	3666850.7	166.0	0.00	4.00
3.16 NO	HRDOW						
L0001066	0	0.26954E-02	481722.1	3666842.6	166.2	0.00	4.00
3.16 NO	HRDOW						
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

INIT. URBAN		EMISSION RATE	Ē		BASE	RELEASE	INIT.
		(GRAMS/SEC)	Χ	Υ	ELEV.	HEIGHT	SY
SZ SOURCE ID (METERS)	SCALAR CATS.	VARY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY					
L0001067	0	0.26954E-02	481719.1	3666834.5	166.4	0.00	4.00
3.16 NO	HRDOW						
L0001068	0	0.26954E-02	481716.2	3666826.5	166.4	0.00	4.00
3.16 NO L0001069	HRDOW 0	0.26954E-02	481712.3	3666820.2	166.4	0.00	4.00
3.16 NO	HRDOW	0.203312 02	101712.5	3000020.2	100.1	0.00	1.00
L0001070	0	0.26954E-02	481704.0	3666822.4	166.8	0.00	4.00
3.16 NO	HRDOW						
L0001071	0	0.26954E-02	481695.6	3666824.6	167.1	0.00	4.00
3.16 NO	HRDOW						
L0001072	0	0.26954E-02	481687.3	3666826.8	167.3	0.00	4.00
3.16 NO	HRDOW			2444000 4	445 4		4 00
L0001073	0	0.26954E-02	4816/9.0	3666829.1	167.6	0.00	4.00
3.16 NO	HRDOW 0	0 260545 02	401670 7	2666921 2	167.0	0.00	4 00
L0001074 3.16 NO	HRDOW	0.26954E-02	4810/0./	3000831.3	107.8	0.00	4.00
L0001075	O NOGAL	0.26954E-02	191665 2	3666835 7	160 1	0.00	4.00
3.16 NO	HRDOW	0.20JJ4L-02	481003.2	5000055.7	100.1	0.00	4.00
L0001076	0	0.26954E-02	481664.9	3666844.3	168.2	0.00	4.00
3.16 NO	HRDOW						
L0001077	0	0.26954E-02	481664.6	3666852.9	168.0	0.00	4.00
3.16 NO	HRDOW						
L0001078	0	0.26954E-02	481664.4	3666861.5	167.8	0.00	4.00
3.16 NO	HRDOW						
L0001079	0	0.26954E-02	481665.8	3666867.7	167.7	0.00	4.00
3.16 NO	HRDOW	0 260545 02	401672.0	2666064 7	167.6	0.00	4 00
L0001080 3.16 NO	0 HRDOW	0.26954E-02	4816/3.9	366864.7	167.6	0.00	4.00
L0001081	O O	0.26954E-02	181682 A	3666861 8	167.2	0.00	4.00
3.16 NO	HRDOW	0.20JJ4L-02	-0100Z.0	2000001.0	10/.2	0.00	4.00
L0001082	0 0	0.26954E-02	481690.1	3666858.8	166.9	0.00	4.00
3.16 NO	HRDOW	- <del>-</del>					
L0001083	0	0.26954E-02	481698.1	3666855.9	166.7	0.00	4.00

2 16 NO	LIDDOLL						
3.16 NO L0001084	HRDOW 0	0.26954E-02	191706 2	2666952 0	166.5	0.00	4.00
3.16 NO	HRDOW	0.209346-02	401700.2	3000632.9	100.5	0.00	4.00
L0001085	0	0.26954E-02	181706 3	3666846.1	166.8	0.00	4.00
3.16 NO	HRDOW	0.20JJ4L-02	401700.5	3000840.1	100.8	0.00	4.00
L0001086	0	0.26954E-02	481702 S	3666839.6	167.1	0.00	4.00
3.16 NO	HRDOW	0.203346 02	401702.0	3000033.0	107.1	0.00	4.00
L0001087	0 0	0.26954E-02	481694 5	3666841 9	167.4	0.00	4.00
3.16 NO	HRDOW	0.203341 02	401054.5	30000-1.3	107.4	0.00	4.00
L0001088	0	0.26954E-02	481686 2	3666844.2	167.6	0.00	4.00
3.16 NO	HRDOW	0.203346 02	401000.2	30000-4.2	107.0	0.00	4.00
L0001089	0	0.26954E-02	481677 9	3666846 5	167.8	0.00	4.00
3.16 NO	HRDOW	0.203312 02	101077.5	300001013	107.0	0.00	1.00
L0002336	0	0.26954E-02	481788.4	3666565.1	163.1	3.40	4.00
3.16 NO	HRDOW	0.2033.12 02	10270011	3000303.2	103.1	3	
L0002337	0	0.26954E-02	481780.5	3666568.5	163.5	3.40	4.00
3.16 NO	HRDOW	0.2033.12 02	10170013	3000300.3	203.3	3	
L0002338	0	0.26954E-02	481772.6	3666571.8	163.8	3.40	4.00
3.16 NO	HRDOW	012077.2 02		300037.210			
L0002339	0	0.26954E-02	481764.7	3666575.2	163.8	3.40	4.00
3.16 NO	HRDOW						
L0002340	0	0.26954E-02	481756.8	3666578.6	164.0	3.40	4.00
3.16 NO	HRDOW						
L0002341	0	0.26954E-02	481748.9	3666582.0	164.2	3.40	4.00
3.16 NO	HRDOW						
L0002342	0	0.26954E-02	481741.0	3666585.4	164.5	3.40	4.00
3.16 NO	HRDOW						
L0002343	0	0.26954E-02	481733.1	3666588.7	164.7	3.40	4.00
3.16 NO	HRDOW						
L0002344	0	0.26954E-02	481725.1	3666592.1	164.7	3.40	4.00
3.16 NO	HRDOW						
L0002345	0	0.26954E-02	481717.2	3666595.5	164.8	3.40	4.00
3.16 NO	HRDOW						
L0002346	0	0.26954E-02	481709.3	3666598.9	164.8	3.40	4.00
3.16 NO	HRDOW						
L0002347	0	0.26954E-02	481701.4	3666602.2	164.9	3.40	4.00
3.16 NO	HRDOW						
L0002348	0	0.26954E-02	481693.5	3666605.6	164.9	3.40	4.00
3.16 NO	HRDOW						
L0002349	0	0.26954E-02	481690.4	3666610.9	165.0	3.40	4.00
3.16 NO	HRDOW						
L0002350	0	0.26954E-02	481693.8	3666618.8	165.3	3.40	4.00
3.16 NO	HRDOW						
L0002351	0	0.26954E-02	481697.3	3666626.7	165.4	3.40	4.00
3.16 NO	HRDOW						
L0002352	0	0.26954E-02	481700.7	3666634.6	165.5	3.40	4.00
3.16 NO	HRDOW		ale ale ale	,			
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

INIT. URBAN		EMISSION RATI ON RATE	Ē		BASE	RELEASE	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Υ	ELEV.	HEIGHT	SY
SZ SOURCE ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY					
1,000,2252	•	0 260545 02	404704 4	2666642.4	465.6	2 40	4 00
L0002353 3.16 NO		0.26954E-02	481/04.1	3666642.4	165.6	3.40	4.00
	0 0	0.26954E-02	481708.0	3666649.8	165.6	3.40	4.00
3.16 NO	HRDOW						
L0002355	0	0.26954E-02	481716.4	3666652.0	165.6	3.40	4.00
3.16 NO	HRDOW						
L0002356	0	0.26954E-02	481724.7	3666654.1	165.6	3.40	4.00
3.16 NO	HRDOW	0 060545 00	404733	2666656	465.4	2 40	4 00
L0002357 3.16 NO	0	0.26954E-02	481/33.0	3666656.3	165.4	3.40	4.00
L0002358	HRDOW 0	0.26954E-02	1817/1 3	3666658 /	165 3	3.40	4.00
3.16 NO		0.20JJ4L-02	401/41.5	3000038.4	105.5	3.40	4.00
L0002359	0	0.26954E-02	481749.7	3666660.6	165.1	3.40	4.00
3.16 NO	HRDOW						
L0002360	0	0.26954E-02	481758.0	3666662.7	164.9	3.40	4.00
3.16 NO	HRDOW						
L0002361	0	0.26954E-02	481766.3	3666664.3	164.8	3.40	4.00
3.16 NO	HRDOW						
L0002362	0	0.26954E-02	481774.0	3666660.6	164.7	3.40	4.00
3.16 NO	HRDOW		404=04	244454	444 -	2 42	
L0002363	0	0.26954E-02	481/81.8	3666656.9	164.5	3.40	4.00
3.16 NO L0002364	HRDOW 0	0.26954E-02	101700 6	2666652 2	164 4	3.40	4.00
3.16 NO		0.209346-02	401/09.0	3000033.2	104.4	3.40	4.00
	0 0	0.26954E-02	481797.3	3666649.6	164.2	3.40	4.00
3.16 NO	HRDOW	0.203312 02	101757.5	3000013.0	101.2	3.10	1.00
L0002366	0	0.26954E-02	481805.1	3666645.9	164.0	3.40	4.00
3.16 NO	HRDOW						
L0002367	0	0.26954E-02	481806.6	3666638.1	164.1	3.40	4.00
3.16 NO	HRDOW						
L0002368	0	0.26954E-02	481806.8	3666629.5	164.2	3.40	4.00
3.16 NO	HRDOW	0 000545 05	40400= -	2666622	46. 0	2 42	4 60
L0002369	0	0.26954E-02	481807.0	3666620.9	164.2	3.40	4.00

2.44							
3.16 NO	HRDOW	0 260545 02	401007 3	2666612 2	162.0	2 40	4 00
L0002370	0	0.26954E-02	481807.2	3666612.3	163.9	3.40	4.00
3.16 NO	HRDOW	0 260545 02	401007 3	2666602 7	162.7	2 40	4 00
L0002371 3.16 NO	0 HRDOW	0.26954E-02	401007.2	3666603.7	163.7	3.40	4.00
L0002372	0 0	0.26954E-02	101001 1	3666595.7	163.7	3.40	4.00
3.16 NO	HRDOW	0.20934E-02	401004.1	3000393.7	103.7	3.40	4.00
L0002373	0 NODAH	0.26954E-02	101001 A	3666587.7	163.6	3.40	4.00
3.16 NO	HRDOW	0.209346-02	401001.0	3000367.7	103.0	3.40	4.00
L0002374	0 0	0.26954E-02	191701 7	3666587.0	163.7	3.40	4.00
3.16 NO	HRDOW	0.20954L-02	401/34./	3000367.0	103.7	3.40	4.00
L0002375	0 0	0.26954E-02	191796 7	3666590.2	164.1	3.40	4.00
3.16 NO	HRDOW	0.20JJ4L-02	401700.7	3000330.2	104.1	3.40	4.00
L0002376	0 0	0.26954E-02	<i>1</i> 81778 7	3666593.4	164.5	3.40	4.00
3.16 NO	HRDOW	0.205546 02	401770.7	3000333.4	104.5	3.40	4.00
L0002377	0 0	0.26954E-02	481770 7	3666596.6	164.7	3.40	4.00
3.16 NO	HRDOW	0.203346 02	401770.7	3000330.0	104.7	3.40	4.00
L0002378	0	0.26954E-02	481762 7	3666599.7	164.9	3.40	4.00
3.16 NO	HRDOW	0.203312 02	10170217	3000333.7	101.3	3.10	
L0002379	0	0.26954E-02	481754.7	3666602.9	165.1	3.40	4.00
3.16 NO	HRDOW	0.203312 02	101/311/	3000002.3	103.1	3.10	1.00
L0002380	0	0.26954E-02	481746.7	3666606.1	165.3	3.40	4.00
3.16 NO	HRDOW	0.2033.12 02	1017 1017	300000012	203.3	3	
L0002381	0	0.26954E-02	481738.7	3666609.3	165.2	3.40	4.00
3.16 NO	HRDOW						
L0002382	0	0.26954E-02	481730.7	3666612.5	165.2	3.40	4.00
3.16 NO	HRDOW						
L0002383	0	0.26954E-02	481722.7	3666615.6	165.2	3.40	4.00
3.16 NO	HRDOW						
L0002384	0	0.26954E-02	481714.7	3666618.8	165.3	3.40	4.00
3.16 NO	HRDOW						
L0002385	0	0.26954E-02	481712.4	3666624.1	165.4	3.40	4.00
3.16 NO	HRDOW						
L0002386	0	0.26954E-02	481716.4	3666631.6	165.5	3.40	4.00
3.16 NO	HRDOW						
L0002387	0	0.26954E-02	481722.0	3666637.1	165.5	3.40	4.00
3.16 NO	HRDOW						
L0002388	0	0.26954E-02	481730.5	3666638.5	165.4	3.40	4.00
3.16 NO	HRDOW						
L0002389	0	0.26954E-02	481739.0	3666639.8	165.3	3.40	4.00
3.16 NO	HRDOW						
L0002390	0	0.26954E-02	481747.5	3666641.1	165.2	3.40	4.00
3.16 NO	HRDOW						
L0002391	0	0.26954E-02	481756.0	3666642.5	165.1	3.40	4.00
3.16 NO	HRDOW						
L0002392	0	0.26954E-02	481764.1	3666641.2	165.0	3.40	4.00
3.16 NO	HRDOW						
↑ *** AERMOD				Jsers\apoll\	Desktop\HA	ARP2\HARP\	∖Pacific
San Marcos\Pa			09/29/	/23			
*** AERMET -	VERSION	14134 ***	***				

## PAGE 11

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

			*** VOLUME SOURCE DATA ***				
INIT. URBAN		EMISSION RAT	E		BASE	RELEASE	INIT.
		(GRAMS/SEC)	Х	Υ	ELEV.	HEIGHT	SY
SZ SOURCE		VARY	/METEDC\	/METEDC\	(METERC)	/METEDC\	(METERS)
ID (METERS)	CATS.	ВҮ	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
` <del>-</del>							
L0002393	0	0.26954E-02	481771.8	3666637.5	164.9	3.40	4.00
3.16 NO	HRDOW						
L0002394	0	0.26954E-02	481779.6	3666633.7	164.8	3.40	4.00
3.16 NO L0002395	HRDOW 0	0.26954E-02	//21727 2	3666630 0	164.6	3.40	4.00
3.16 NO	HRDOW	0.20954L-02	401/0/.3	3000030.0	104.0	3.40	4.00
L0002396	0	0.26954E-02	481789.1	3666622.5	164.6	3.40	4.00
3.16 NO	HRDOW						
L0002397	0	0.26954E-02	481789.1	3666613.9	164.5	3.40	4.00
3.16 NO	HRDOW						
L0002398	0	0.26954E-02	481786.0	3666609.6	164.5	3.40	4.00
3.16 NO	HRDOW						
L0002399	0	0.26954E-02	481777.7	3666612.1	164.7	3.40	4.00
3.16 NO L0002400	HRDOW 0	0.26954E-02	491760 E	2666614 6	164.9	3.40	4.00
3.16 NO	HRDOW	0.209346-02	401/09.5	3000014.0	104.9	3.40	4.00
L0002401	0 0	0.26954E-02	481761.3	3666617.1	165.0	3.40	4.00
3.16 NO	HRDOW	0.203312 02	101701.3	3000017.1	103.0	3.10	1.00
L0002402	0	0.26954E-02	481753.0	3666619.6	165.1	3.40	4.00
3.16 NO	HRDOW						
L0002403	0	0.26954E-02	481744.8	3666622.1	165.2	3.40	4.00
3.16 NO	HRDOW						
↑ *** AERMOD -					l\Desktop	\HARP2\HAI	RP\Pacific
San Marcos\Pac			09/29/	23			
*** AERMET -	VERSIÓN	14134 *** ***	***				
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

ALL L0000792	L0000787 , L0000793	, L0000788 , L0000794	, L0000789	, L0000790	, L0000791	,
L0000800	L0000795 , L0000801	, L0000796 , L0000802	, L0000797	, L0000798	, L0000799	,
L0000808	L0000803 , L0000809	, L0000804 , L0000810	, L0000805	, L0000806	, L0000807	,
L0000816	L0000811 , L0000817	, L0000812 , L0000818	, L0000813	, L0000814	, L0000815	,
L0000824	L0000819 , L0000825	, L0000820 , L0000826	, L0000821	, L0000822	, L0000823	,
L0000832	L0000827 , L0000833	, L0000828 , L0000834	, L0000829 ,	, L0000830	, L0000831	,
L0000840	L0000835 , L0000841	, L0000836 , L0000842	, L0000837	, L0000838	, L0000839	J
L0000848	L0000843 , L0000849	, L0000844 , L0000850	, L0000845	, L0000846	, L0000847	,
L0000856	L0000851 , L0000857	, L0000852 , L0000858	, L0000853	, L0000854	, L0000855	J
L0000864	L0000859 , L0000865	, L0000860 , L0000866	, L0000861	, L0000862	, L0000863	,
L0000872	L0000867 , L0000873	, L0000868 , L0000874	, L0000869	, L0000870	, L0000871	,
L0000880	L0000875 , L0000881	, L0000876 , L0000882	, L0000877 ,	, L0000878	, L0000879	,
L0000888	L0000883 , L0000889	, L0000884 , L0000890	, L0000885	, L0000886	, L0000887	,
L0000896	L0000891 , L0000897	, L0000892 , L0000898	, L0000893	, L0000894	, L0000895	,
L0000904	L0000899 , L0000905	, L0000900 , L0000906	, L0000901	, L0000902	, L0000903	,
	L0000907	, L0000908	, L0000909	, L0000910	, L0000911	,

L0000912	, L0000913	, L0000914	,			
L0000920	L0000915 , L0000921	, L0000916 , L0000922	, L0000917	, L0000918	, L0000919	,
L0000928	L0000923 , L0000929	, L0000924 , L0000930	, L0000925	, L0000926	, L0000927	,
L0000936		, L0000932 , L0000938	, L0000933	, L0000934	, L0000935	,
San Marcos	, L0000945 OD - VERSION 2 \Pacific\Pacif Γ - VERSION 1	, L0000946 22112 *** * Fic *** 14134 *** **	** C:\Users\ap 09/29/23	, L0000942 poll\Desktop\HA	, L0000943 ARP2\HARP\Pacif	, ic
*** MODELO	DPTs: RegDF	PAGE FAULT CONC EI	E 13 LEV RURAL			
			*** SOUR	CE IDs DEFININ	G SOURCE GROUPS	5 ***
CDCCDOUD 1	TD.			SOURCE	TDs	
SRCGROUP 1						
		, L0000948 , L0000954	, L0000949			j
	L0000947	, L0000954		 , L0000950	 , L0000951	,
L0000952	L0000947 , L0000953	, L0000954 , L0000956 , L0000962	, L0000957	 , L0000950	, L0000951 , L0000959	,
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L0000952 L0000960 L0000968	L0000947 , L0000953  L0000955 , L0000961  L0000963 , L0000969	, L0000954 , L0000956 , L0000962 , L0000970 , L0000972	, L0000957 , L0000965 , L0000973	, L0000950 , L0000958 , L0000966	, L0000951 , L0000959 , L0000967	9
L0000952 L0000960 L0000968 L0000976	L0000947 , L0000953 L0000955 , L0000961 L0000963 , L0000969 L0000971 , L0000979	, L0000954 , L0000956 , L0000962 , L0000970 , L0000970 , L0000978	, L0000957 , L0000965 , L0000973 , L0000981	, L0000950 , L0000958 , L0000966 , L0000974	, L0000951 , L0000959 , L0000967 , L0000975	,
L0000952 L0000960 L0000968 L0000976 L0000984	L0000947 , L0000953  L0000955 , L0000961  L0000969  L0000971 , L0000977  L0000979 , L0000985	, L0000954 , L0000956 , L0000962 , L0000970 , L0000970 , L0000978 , L0000986 , L0000988	, L0000957 , L0000965 , L0000973 , L0000981	, L0000950 , L0000958 , L0000966 , L0000974 , L0000982	, L0000951 , L0000959 , L0000967 , L0000975	,

L0001008	, L0001009	, L0001010	,			
L0001016	L0001011 , L0001017	, L0001012 , L0001018	, L0001013	, L0001014	, L0001015	,
L0001024	L0001019 , L0001025	, L0001020 , L0001026	, L0001021	, L0001022	, L0001023	,
L0001032	L0001027 , L0001033	, L0001028 , L0001034	, L0001029	, L0001030	, L0001031	,
L0001040	L0001035 , L0001041	, L0001036 , L0001042	, L0001037	, L0001038	, L0001039	,
L0001048	L0001043 , L0001049	, L0001044 , L0001050	, L0001045 ,	, L0001046	, L0001047	,
L0001056	L0001051 , L0001057	, L0001052 , L0001058	, L0001053 ,	, L0001054	, L0001055	,
L0001064	L0001059 , L0001065	, L0001060 , L0001066	, L0001061 ,	, L0001062	, L0001063	,
L0001072	L0001067 , L0001073	, L0001068 , L0001074	, L0001069 ,	, L0001070	, L0001071	,
L0001080	L0001075 , L0001081	, L0001076 , L0001082	, L0001077 ,	, L0001078	, L0001079	,
L0001088	L0001083 , L0001089	, L0001084 , L0002336	, L0001085	, L0001086	, L0001087	,
L0002342	L0002337 , L0002343	, L0002338 , L0002344	, L0002339	, L0002340	, L0002341	,
	L0002345 , L0002351 DD - VERSION	, L0002352 22112 *** **	, ** C:\Users\ap	, L0002348 oll\Desktop\HA	-	, ic
		14134 *** ***	09/29/23			
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SRCGROUP ID SOURCE IDS

```
L0002353 , L0002354
                               , L0002355 , L0002356 , L0002357
L0002358
          , L0002359 , L0002360 ,
                   , L0002362
          L0002361
                                , L0002363
                                           , L0002364
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                                ,
                    , L0002368
L0002366
         , L0002367
         L0002369
                    , L0002370
                                , L0002371 , L0002372 , L0002373
         , L0002375 , L0002376
L0002374
                   , L0002378
         L0002377
                               , L0002379 , L0002380 , L0002381
L0002382
         , L0002383 , L0002384
         L0002385 , L0002386
                               , L0002389
L0002390
                    , L0002392
         , L0002391
         L0002393
                   , L0002394
                               , L0002395 , L0002396 , L0002397
         , L0002399 , L0002400
L0002398
                   , L0002402 , L0002403
          L0002401
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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                            15:16:42
                            PAGE 15
*** MODELOPTs:
               RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000787 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                      DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                          20 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                       21 .0000E+00
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22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00
                 2 .0000E+00
                               3 .0000E+00 4 .0000E+00
                                                         5 .0000E+00
 .0000E+00
            7 .0000E+00
                           8 .0000E+00
                10 .0000E+00
                              11 .0000E+00 12 .0000E+00
   9 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00
                           16 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
  17 .0000E+00 18 .0000E+00
                            19 .0000E+00
             23 .0000E+00
                           24 .0000E+00
  .0000E+00
↑ *** AERMOD - VERSION 22112 ***
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San Marcos\Pacific\Pacific ***
                              09/29/23
*** AERMET - VERSION 14134 ***
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                             15:16:42
                             PAGE 16
                RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000788 ; SOURCE TYPE = VOLUME :
       SCALAR
               HOUR SCALAR HOUR
                                   SCALAR HOUR SCALAR HOUR
                           HOUR SCALAR
HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00
                               3 .0000E+00 4 .0000E+00 5 .0000E+00
                         8 .7200E+01
 .0000E+00 7 .0000E+00
   9 .7200E+01
                10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                          13 .7200E+01
14 .7200E+01 15 .7200E+01
                           16 .7200E+01
  17 .7200E+01 18 .0000E+00
                            19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
   1 .0000E+00
                2 .0000E+00
                               3 .0000E+00
                                           4 .0000E+00
                                                          5 .0000E+00
 .0000E+00
           7 .0000E+00
                           8 .0000E+00
                10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
   9 .0000E+00
                          16 .0000E+00
  .0000E+00 15 .0000E+00
                                            20 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00
                           24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                                                          5 .0000E+00
                               3 .0000E+00
                                            4 .0000E+00
 .0000E+00 7 .0000E+00
                           8 .0000E+00
                10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
   9 .0000E+00
                                                          13 .0000E+00
  .0000E+00 15 .0000E+00 16 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
  17 .0000E+00 18 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 ***
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                             15:16:42
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0000789 ; SOURCE TYPE = VOLUME : SCALAR HOUR SCALAR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 20 .0000E+00 21 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* \*\*\* 15:16:42 PAGE 18 \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0000790 ; SOURCE TYPE = VOLUME : HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR SCALAR HOUR SCALAR HOUR SCALAR HOUR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00

```
6 .0000E+00 7 .0000E+00 8 .7200E+01
                                            12 .7200E+01
                                                           13 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
             15 .7200E+01 16 .7200E+01
14 .7200E+01
  17 .7200E+01 18 .0000E+00
                              19 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00
            23 .0000E+00
                            24 .0000E+00
                                        DAY OF WEEK = SATURDAY
                                             4 .0000E+00
   1 .0000E+00 2 .0000E+00
                                                          5
                               3 .0000E+00
                                                              .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10
                              11 .0000E+00
                                             12 .0000E+00
                   .0000E+00
                                                           13 .0000E+00
14 .0000E+00 15 .0000E+00
                            16 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                             20 .0000E+00
                                                           21
                                                              .0000E+00
22 .0000E+00 23 .0000E+00
                          24 .0000E+00
                                        DAY OF WEEK = SUNDAY
                2 .0000E+00
                               3 .0000E+00
                                             4 .0000E+00
   1 .0000E+00
                                                           5
                                                              .0000E+00
           7 .0000E+00
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                            8 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                             12 .0000E+00
                                                           13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 ***
                               *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
                              09/29/23
San Marcos\Pacific\Pacific ***
*** AERMET - VERSION 14134 *** ***
                              15:16:42
                              PAGE 19
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000791
                    ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR
                             HOUR SCALAR HOUR SCALAR HOUR SCALAR
                     SCALAR
      SCALAR HOUR
                            HOUR
HOUR
                    SCALAR
                                  SCALAR
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                             4 .0000E+00
                                                         5 .0000E+00
             7 .0000E+00
                          8 .7200E+01
 .0000E+00
   9 .7200E+01 10 .7200E+01
                              11 .7200E+01
                                            12 .7200E+01
                                                           13 .7200E+01
14 .7200E+01 15 .7200E+01
                          16 .7200E+01
                                                           21 .0000E+00
  17 .7200E+01
                18 .0000E+00
                              19 .0000E+00
                                             20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SATURDAY
                                                         5 .0000E+00
                               3 .0000E+00 4 .0000E+00
   1 .0000E+00
                 2 .0000E+00
           7 .0000E+00
 .0000E+00
                            8 .0000E+00
                10
                              11 .0000E+00
                                            12 .0000E+00
   9 .0000E+00
                   .0000E+00
                                                           13 .0000E+00
              15 .0000E+00
                            16 .0000E+00
14 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SUNDAY
```

```
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00
                           8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                              19 .0000E+00
                18 .0000E+00
  17 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 ***
                               *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                               09/29/23
*** AERMET - VERSION 14134 ***
                             15:16:42
                             PAGE 20
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000792
                    ; SOURCE TYPE = VOLUME
               HOUR SCALAR
 HOUR SCALAR
                            HOUR
                                  SCALAR HOUR SCALAR HOUR
                                                               SCALAR
     SCALAR HOUR SCALAR HOUR
                                  SCALAR
HOUR
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                            4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00
                           8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                            12 .7200E+01
                                                          13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01
                18 .0000E+00
                             19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SATURDAY
                 2 .0000E+00
                               3 .0000E+00 4 .0000E+00
   1 .0000E+00
                                                         5 .0000E+00
 .0000E+00 7 .0000E+00
                           8 .0000E+00
   9 .0000E+00
                10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00
                           16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SUNDAY
                2 .0000E+00
   1 .0000E+00
                               3 .0000E+00
                                            4 .0000E+00
                                                           5
                                                              .0000E+00
 .0000E+00 7 .0000E+00
                           8 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
  17 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                              09/29/23
                             ***
*** AERMET - VERSION 14134 ***
                             15:16:42
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000793 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                     DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                          20 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                            15:16:42
                            PAGE 22
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000794 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                     DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
```

```
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                                        21 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
   1 .0000E+00
                2 .0000E+00
                             3 .0000E+00 4 .0000E+00
                                                       5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
                           24 .0000E+00
22 .0000E+00 23 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                                           4 .0000E+00
                              3 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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                            15:16:42
                            PAGE 23
                RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000795 ; SOURCE TYPE = VOLUME
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                       DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                           12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00
                             19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
                                          4 .0000E+00
   1 .0000E+00
                2 .0000E+00
                              3 .0000E+00
                                                       5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
                                           12 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00
                           24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   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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10 .0000E+00
   9 .0000E+00
                                 11 .0000E+00
                                                12 .0000E+00
                                                               13 .0000E+00
14 .0000E+00
               15 .0000E+00
                              16 .0000E+00
  17 .0000E+00
                 18
                                 19 .0000E+00
                                                20 .0000E+00
                                                               21 .0000E+00
                     .0000E+00
22 .0000E+00
               23 .0000E+00
                              24 .0000E+00
↑ *** AERMOD - VERSION 22112 ***
                                  *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                   09/29/23
 *** AERMET - VERSION 14134 ***
                                15:16:42
                                PAGE 24
 *** MODELOPTs:
                  RegDFAULT CONC ELEV RURAL
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
 SOURCE ID = L0000796
                        ; SOURCE TYPE = VOLUME
        SCALAR
                HOUR
                       SCALAR
                                HOUR
                                      SCALAR
                                               HOUR SCALAR
                                                              HOUR SCALAR
      SCALAR
               HOUR
HOUR
                     SCALAR
                              HOUR
                                     SCALAR
                                           DAY OF WEEK = WEEKDAY
   1 .0000E+00
                  2 .0000E+00
                                  3 .0000E+00
                                                 4 .0000E+00
                                                                5
                                                                   .0000E+00
  .0000E+00
               7 .0000E+00
                              8 .7200E+01
   9 .7200E+01
                  10
                     .7200E+01
                                 11 .7200E+01
                                                12 .7200E+01
                                                               13 .7200E+01
14 .7200E+01
               15 .7200E+01
                              16 .7200E+01
  17 .7200E+01
                 18 .0000E+00
                                 19 .0000E+00
                                                20 .0000E+00
                                                               21 .0000E+00
                              24 .0000E+00
22 .0000E+00 23 .0000E+00
                                           DAY OF WEEK = SATURDAY
   1 .0000E+00
                   2 .0000E+00
                                  3 .0000E+00
                                                4 .0000E+00
                                                                5
                                                                   .0000E+00
  .0000E+00
               7 .0000E+00
                                .0000E+00
                 10
                                                12 .0000E+00
                                                               13 .0000E+00
   9 .0000E+00
                     .0000E+00
                                 11 .0000E+00
               15 .0000E+00
                              16 .0000E+00
14 .0000E+00
  17 .0000E+00
                 18
                     .0000E+00
                                 19
                                    .0000E+00
                                                               21
                                                20
                                                   .0000E+00
                                                                   .0000E+00
                                 .0000E+00
22 .0000E+00 23 .0000E+00
                              24
                                           DAY OF WEEK = SUNDAY
   1 .0000E+00
                   2 .0000E+00
                                  3 .0000E+00
                                                4 .0000E+00
                                                                5
                                                                   .0000E+00
               7 .0000E+00
  .0000E+00
                                .0000E+00
   9 .0000E+00
                  10
                     .0000E+00
                                 11 .0000E+00
                                                12 .0000E+00
                                                               13 .0000E+00
   .0000E+00
               15 .0000E+00
                              16 .0000E+00
  17 .0000E+00
                 18
                     .0000E+00
                                 19 .0000E+00
                                                20 .0000E+00
                                                               21 .0000E+00
               23 .0000E+00
22 .0000E+00
                              24 .0000E+00
↑ *** AERMOD - VERSION 22112 ***
                                  *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
                                  09/29/23
San Marcos\Pacific\Pacific ***
 *** AERMET - VERSION 14134 ***
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                                15:16:42
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

<sup>\*</sup> SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF

```
SOURCE ID = L0000797 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                     DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                         20 .0000E+00 21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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                           15:16:42
                            PAGE 26
*** MODELOPTs:
               RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000798 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                     DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
```

```
DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00
                            3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                     13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                                     21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                   DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                    5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                     13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
↑ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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                           15:16:42
                           PAGE 27
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000799 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                     13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00
                                       4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                        12 .0000E+00
                                                     13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21
                                                        .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SUNDAY
   1 .0000E+00
               2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   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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22 .0000E+00 23 .0000E+00 24 .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 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                  ***
                           15:16:42
                           PAGE 28
*** MODELOPTs:
               RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000800 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
 DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00
                                                      21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                         12 .0000E+00
                                                      13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00
                                                      21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                       5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                      13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00
                                                      21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                  ***
                           15:16:42
                           PAGE 29
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
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\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF

WEEK (HRDOW) \*

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SOURCE ID = L0000801 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                            15:16:42
                            PAGE 30
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000802 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .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
                                                       21 .0000E+00
                                          20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                             3 .0000E+00 4 .0000E+00
                                                      5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 ***
                            15:16:42
                            PAGE 31
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000803 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                      5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                          4 .0000E+00
                                                      5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
                                          12 .0000E+00
                                                       13 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .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 22112 *** *** C:\Users\apol1\Desktop\HARP2\HARP\Pacific
                              09/29/23
San Marcos\Pacific\Pacific ***
 *** AERMET - VERSION 14134 ***
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                              15:16:42
                              PAGE 32
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                 * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000804 ; SOURCE TYPE = VOLUME :
       SCALAR
               HOUR
                      SCALAR HOUR
                                    SCALAR
                                            HOUR
                                                  SCALAR HOUR
                                                                 SCALAR
     SCALAR HOUR SCALAR HOUR
                                  SCALAR
                                         DAY OF WEEK = WEEKDAY
   1 .0000E+00
                2 .0000E+00
                                3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00
                            8 .7200E+01
   9 .7200E+01
                10 .7200E+01
                               11 .7200E+01
                                             12 .7200E+01
                                                           13 .7200E+01
14 .7200E+01
              15 .7200E+01
                            16 .7200E+01
  17 .7200E+01
                18 .0000E+00
                               19 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                         DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00
                                              4 .0000E+00
                                3 .0000E+00
                                                            5
                                                               .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00
                10
                   .0000E+00
                               11 .0000E+00
                                             12 .0000E+00
                                                           13 .0000E+00
14 .0000E+00
              15 .0000E+00
                            16 .0000E+00
  17 .0000E+00
                18 .0000E+00
                               19 .0000E+00
                                             20 .0000E+00
                                                            21
                                                               .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                         DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00
                                3 .0000E+00
                                             4 .0000E+00
                                                            5
                                                               .0000E+00
 .0000E+00
            7 .0000E+00
                            8 .0000E+00
   9 .0000E+00 10 .0000E+00
                               11 .0000E+00
                                             12 .0000E+00
                                                           13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                               19 .0000E+00
  17 .0000E+00
                18 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
                            24 .0000E+00
22 .0000E+00
              23 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                09/29/23
 *** AERMET - VERSION 14134 ***
                    ***
                              15:16:42
                              PAGE 33
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                 * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000805
                      ; SOURCE TYPE = VOLUME
                                             :
 HOUR
      SCALAR
               HOUR
                      SCALAR HOUR
                                    SCALAR
                                            HOUR SCALAR
                                                          HOUR
                                                                 SCALAR
```

DAY OF HEEK	IEE/CDA)/
DAY OF WEEK = V 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E	
6 .0000E+00 7 .0000E+00 8 .7200E+01	3 .00002.00
9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E	E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01	
17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E	E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00  DAY OF WEEK = 5	SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E	
6 .0000E+00 7 .0000E+00 8 .0000E+00	
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E	E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00	- 00 04 0000- 00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E 22 .0000E+00 23 .0000E+00 24 .0000E+00	E+00 21 .0000E+00
DAY OF WEEK = 5	SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E	
6 .0000E+00 7 .0000E+00 8 .0000E+00	
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E	E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00	T. 00 31 0000F. 00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E 22 .0000E+00 23 .0000E+00 24 .0000E+00	E+00 21 .0000E+00
↑ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Deskto	op\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23	
*** AERMET - VERSION 14134 *** ***	
*** 15:16:42	
PAGE 34	
*** MODELOPTs: RegDFAULT CONC ELEV RURAL	
5	
* SOURCE EMISSION RATE SCALARS WHICH VARY	DIURNALLY AND BY DAY OF
WEEK (HRDOW) *	
SOURCE ID = L0000806 ; SOURCE TYPE = VOLUME :	
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCAL	AR HOUR SCALAR
HOUR SCALAR HOUR SCALAR	
DAY OF WEEK = V 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E	
6 .0000E+00 7 .0000E+00 8 .7200E+01	3 .0000E+00
9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E	E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01	
17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E	E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00	CATUDDAY
DAY OF WEEK = 5 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E	
6 .0000E+00 7 .0000E+00 8 .0000E+00	_+UU J .UUUUETUU

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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
                                                            .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                         21 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
                             09/29/23
San Marcos\Pacific\Pacific ***
*** AERMET - VERSION 14134 *** ***
                             15:16:42
                             PAGE 35
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000807 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR
                                 SCALAR
                                       DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                          4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                         13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                                         21 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00 4 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00
                10 .0000E+00
                             11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00
             15 .0000E+00
                           16 .0000E+00
                                                         21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00
                                           4 .0000E+00
                                                            .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00
                                           12 .0000E+00
                             11 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                           20 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
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                             15:16:42
                             PAGE 36
                RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000808 ; SOURCE TYPE = VOLUME :
               HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                       DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01
                18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
                2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
   1 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00 4 .0000E+00
                                                          5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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                             15:16:42
                             PAGE 37
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000809
                    ; SOURCE TYPE = VOLUME
 HOUR SCALAR HOUR
                     SCALAR HOUR SCALAR
                                          HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
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\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 20 .0000E+00 21 .0000E+00 17 .7200E+01 18 .0000E+00 19 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 4 .0000E+00 1 .0000E+00 2 .0000E+00 3 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* 15:16:42 PAGE 38 \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0000810 ; SOURCE TYPE = VOLUME : HOUR SCALAR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .7200E+01 12 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 20 .0000E+00 17 .7200E+01 18 .0000E+00 19 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 4 .0000E+00 5 .0000E+00 2 .0000E+00 3 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 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
                2 .0000E+00
   1 .0000E+00
                               3 .0000E+00
                                           4 .0000E+00
                                                          5 .0000E+00
           7 .0000E+00 8 .0000E+00
 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                    ***
                             15:16:42
                             PAGE 39
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000811
                     ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR
                     SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
      SCALAR HOUR
HOUR
                   SCALAR
                           HOUR
                                  SCALAR
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01
                10 .7200E+01
                              11 .7200E+01
                                            12 .7200E+01
                                                          13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01
                18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SATURDAY
   1 .0000E+00
                 2 .0000E+00
                               3 .0000E+00
                                           4 .0000E+00
                                                         5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00
                           16 .0000E+00
                18 .0000E+00
                              19 .0000E+00
  17 .0000E+00
                                            20 .0000E+00
                                                          21
                                                              .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SUNDAY
                               3 .0000E+00 4 .0000E+00
   1 .0000E+00
                 2 .0000E+00
                                                           5 .0000E+00
           7 .0000E+00
 .0000E+00
                           8 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00
                           16 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00
                           24 .0000E+00
★ *** AERMOD - VERSION 22112 ***
                               *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                              09/29/23
*** AERMET - VERSION 14134 ***
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PAGE 40 \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0000812 ; SOURCE TYPE = VOLUME : HOUR SCALAR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000813 ; SOURCE TYPE = VOLUME 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 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                        12 .7200E+01
                                                     13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                                     21 .0000E+00
                                        20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                    5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                     13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                      5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                     13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                           15:16:42
                           PAGE 42
*** MODELOPTs:
               RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000814 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
 DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                       4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                        12 .0000E+00
                                                     13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .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
 .0000E+00 7 .0000E+00 8 .0000E+00
                                                         13 .0000E+00
   9 .0000E+00 10 .0000E+00
                             11 .0000E+00 12 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apol1\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                             15:16:42
                             PAGE 43
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000815 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                          HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                       DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                         13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
                             19 .0000E+00
  17 .7200E+01 18 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                             19 .0000E+00
                                                         21 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00
                              3 .0000E+00 4 .0000E+00
                                                          5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00 12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                             19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
                             09/29/23
San Marcos\Pacific\Pacific ***
*** AERMET - VERSION 14134 ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000816 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                   DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SUNDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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                           15:16:42
                           PAGE 45
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000817 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
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9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                      13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                      13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                                      21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                              DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                      13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apol1\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                           15:16:42
                           PAGE 46
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000818 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
                                         20 .0000E+00
                                                      21 .0000E+00
  17 .7200E+01 18 .0000E+00 19 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                      13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                                      21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
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6 .0000E+00 7 .0000E+00 8 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18
                   .0000E+00
                            19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
↑ *** AERMOD - VERSION 22112 ***
                               *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                              09/29/23
*** AERMET - VERSION 14134 ***
                   ***
                             15:16:42
                             PAGE 47
                RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000819 ; SOURCE TYPE = VOLUME :
               HOUR
                            HOUR
                                   SCALAR
                                          HOUR SCALAR HOUR
 HOUR
       SCALAR
                     SCALAR
                                                              SCALAR
HOUR SCALAR HOUR SCALAR HOUR
                                 SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                         13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00
                             19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00
                                            4 .0000E+00
                              3 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10
                   .0000E+00
                             11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                             19 .0000E+00
                                           20 .0000E+00
                                                         21
                                                            .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00
                              3 .0000E+00
                                            4 .0000E+00
                                                          5 .0000E+00
 .0000E+00 7 .0000E+00
                           8 .0000E+00
   9 .0000E+00 10 .0000E+00
                             11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                             19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
↑ *** AERMOD - VERSION 22112 ***
                               *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
                             09/29/23
San Marcos\Pacific\Pacific ***
*** AERMET - VERSION 14134 *** ***
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                             15:16:42
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000820 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
                                        20 .0000E+00
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                                    21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
                                       4 .0000E+00 5 .0000E+00
  1 .0000E+00 2 .0000E+00 3 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                    13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                    21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                    13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                    21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                          15:16:42
                          PAGE 49
             RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000821 ; SOURCE TYPE = VOLUME :
              HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR
                              SCALAR
                                    DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
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17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                      5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                          12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                          20 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                            15:16:42
                            PAGE 50
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000822 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                      DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
   1 .0000E+00
               2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
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14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                            15:16:42
                            PAGE 51
               RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000823 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                            15:16:42
                            PAGE 52
*** MODELOPTs:
               RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
```

WEEK (HRDOW) \*

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SOURCE ID = L0000824 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR
                                  SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                      DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                       5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00
                                          4 .0000E+00
                                                       5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                            15:16:42
                            PAGE 53
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000825 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR
                     SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
     SCALAR HOUR SCALAR
                          HOUR SCALAR
                                      DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                          4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                           12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .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
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	DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000	E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00	
9 .0000E+00 10 .0000E+00 11 .0000	E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+0	
17 .0000E+00 18 .0000E+00 19 .0000	E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+0	0
	DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000	E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00	
9 .0000E+00 10 .0000E+00 11 .0000	E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+0	
	E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+0	
↑ *** AERMOD - VERSION 22112 *** *** C:\	
San Marcos\Pacific\Pacific *** 09/29	23
*** AERMET - VERSION 14134 *** ***	
*** 15:16:42	
PAGE 54	
*** MODELOPTs: RegDFAULT CONC ELEV RU	RAL
* COURCE ENTECTON DATE CO	ALARS HUTCH MARY RELIGIONALLY AND RW RAY OF
	ALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *	
COURCE TO LONGONOC . COURCE TYPE . W	N. LIME
SOURCE ID = L0000826 ; SOURCE TYPE = VO	
HOUR SCALAR HOUR SCALAR HOUR SCA	LAR HOUR SCALAR HOUR SCALAR
	LAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCA	LAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCA	LAR HOUR SCALAR HOUR SCALAR LR 
HOUR SCALAR HOUR HOUR HOUR HOUR HOUR HOUR HOUR HOU	LAR HOUR SCALAR HOUR SCALAR  DAY OF WEEK = WEEKDAY
HOUR SCALAR 1.0000E+00 2.0000E+00 3.0000E	LAR HOUR SCALAR HOUR SCALAR  DAY OF WEEK = WEEKDAY 0E+00 4 .0000E+00 5 .0000E+00
HOUR SCALAR HOUR HOUR HOUR HOUR HOUR HOUR HOUR HOU	LAR HOUR SCALAR HOUR SCALAR   DAY OF WEEK = WEEKDAY  E+00 4 .0000E+00 5 .0000E+00
HOUR SCALAR HOUR HOUR HOUR HOUR HOUR HOUR HOUR HOU	LAR HOUR SCALAR HOUR SCALAR  .R  -
HOUR SCALAR HOUR HOUR SCALAR HOUR HOUR SCALAR HOUR HOUR HOUR HOUR HOUR HOUR HOUR HOU	LAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR HOUR SCALAR HOUR HOUR SCALAR HOUR HOUR HOUR SCALAR HOUR HOUR HOUR HOUR HOUR HOUR HOUR HOU	LAR HOUR SCALAR HOUR SCALAR  DAY OF WEEK = WEEKDAY E+00
HOUR SCALAR HOUR HOUR SCALAR HOUR HOUR SCALAR HOUR HOUR HOUR HOUR HOUR HOUR HOUR HOU	LAR HOUR SCALAR HOUR SCALAR  IR  DAY OF WEEK = WEEKDAY  E+00
HOUR SCALAR HOUR HOUR HOUR HOUR HOUR HOUR HOUR HOU	LAR HOUR SCALAR HOUR SCALAR  IR  DAY OF WEEK = WEEKDAY  E+00
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR  1 .0000E+00 2 .0000E+00 3 .0000 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200 14 .7200E+01 15 .7200E+01 16 .7200E+0 17 .7200E+01 18 .0000E+00 19 .0000 22 .0000E+00 23 .0000E+00 24 .0000E+0 1 .0000E+00 2 .0000E+00 3 .0000E+00	LAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR HOUR SCALAR HOUR SCALAR HOUR	LAR HOUR SCALAR HOUR SCALAR  IR  DAY OF WEEK = WEEKDAY  E+00
HOUR SCALAR HOUR S	LAR HOUR SCALAR HOUR SCALAR  IR  DAY OF WEEK = WEEKDAY  E+00
HOUR SCALAR HOUR S	LAR HOUR SCALAR HOUR SCALAR  IR  DAY OF WEEK = WEEKDAY  E+00
HOUR SCALAR HOUR S	LAR HOUR SCALAR HOUR SCALAR  IR  DAY OF WEEK = WEEKDAY  E+00
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR  1 .0000E+00 2 .0000E+00 3 .0000E 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E 22 .0000E+00 23 .0000E+00 24 .0000E+00 1 .0000E+00 2 .0000E+00 3 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00	LAR HOUR SCALAR HOUR SCALAR  IR  DAY OF WEEK = WEEKDAY  E+00
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR  1 .0000E+00 2 .0000E+00 3 .0000E 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E 22 .0000E+00 23 .0000E+00 24 .0000E+00 1 .0000E+00 2 .0000E+00 3 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00	LAR HOUR SCALAR HOUR SCALAR  IR  DAY OF WEEK = WEEKDAY  E+00
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR  1 .0000E+00 2 .0000E+00 3 .0000E 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E 22 .0000E+00 23 .0000E+00 24 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 11 .0000E+00 23 .0000E+00 16 .0000E+00 12 .0000E+00 23 .0000E+00 3 .0000E+00 13 .0000E+00 24 .0000E+00 14 .0000E+00 25 .0000E+00 3 .0000E+00 15 .0000E+00 3 .0000E+00 3 .0000E+00 16 .0000E+00 15 .0000E+00 3 .0000E+00 17 .0000E+00 15 .0000E+00 3 .0000E+00 18 .0000E+00 3 .0000E+00 3 .0000E+00 19 .0000E+00 3 .0000E+00 3 .0000E+00 20 .0000E+00 23 .0000E+00 3 .0000E+00	LAR HOUR SCALAR HOUR SCALAR  R  DAY OF WEEK = WEEKDAY  E+00
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR  1 .0000E+00 2 .0000E+00 3 .0000E 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E 22 .0000E+00 23 .0000E+00 3 .0000E+00 9 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 17 .0000E+00 23 .0000E+00 24 .0000E+00 21 .0000E+00 23 .0000E+00 3 .0000E+00	LAR HOUR SCALAR HOUR SCALAR  R  DAY OF WEEK = WEEKDAY  E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

14 .0000E+00 15 .0000E+00 16 .0000E+00

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22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                              09/29/23
*** AERMET - VERSION 14134 *** ***
                              15:16:42
                              PAGE 55
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                 * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000827
                     ; SOURCE TYPE = VOLUME
      SCALAR HOUR SCALAR
                             HOUR SCALAR HOUR SCALAR HOUR
                                                                SCALAR
HOUR
      SCALAR
              HOUR
                    SCALAR
                            HOUR
                                  SCALAR
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00
                               3 .0000E+00
                                             4 .0000E+00
                                                         5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                             12 .7200E+01
                                                           13 .7200E+01
   .7200E+01 15 .7200E+01 16 .7200E+01
                              19 .0000E+00
  17 .7200E+01 18 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SATURDAY
                                                          5 .0000E+00
   1 .0000E+00
                2 .0000E+00
                               3 .0000E+00 4 .0000E+00
 .0000E+00 7 .0000E+00
                         8 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                             12 .0000E+00
                                                           13 .0000E+00
14 .0000E+00 15 .0000E+00
                            16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00
                               3 .0000E+00
                                            4 .0000E+00
                                                            5 .0000E+00
 .0000E+00 7 .0000E+00
                            8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                             12 .0000E+00
                                                           13 .0000E+00
   .0000E+00 15 .0000E+00 16 .0000E+00
                                             20 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                           21 .0000E+00
              23 .0000E+00 24 .0000E+00
  .0000E+00
↑ *** AERMOD - VERSION 22112 ***
                               *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                09/29/23
                               ***
*** AERMET - VERSION 14134 ***
                              15:16:42
                              PAGE 56
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                 * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000828 ; SOURCE TYPE = VOLUME :
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HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
  9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                           DAY OF WEEK = SATURDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                             DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                 ***
                         15:16:42
                         PAGE 57
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
              * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000829 : SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                 DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
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HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

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6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                                         21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
                                            4 .0000E+00
   1 .0000E+00 2 .0000E+00
                                                          5 .0000E+00
                              3 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                             15:16:42
                             PAGE 58
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000830 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR
                     SCALAR HOUR SCALAR
                                          HOUR SCALAR
                                                        HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                       DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                           12 .7200E+01
                                                         13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00 4 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                                         21 .0000E+00
  17 .0000E+00 18 .0000E+00
                             19 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
                2 .0000E+00
                              3 .0000E+00 4 .0000E+00
                                                          5
   1 .0000E+00
                                                           .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                           20 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
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San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* 15:16:42 PAGE 59 \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0000831 ; SOURCE TYPE = VOLUME : SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .7200E+01 11 .7200E+01 12 .7200E+01 9 .7200E+01 10 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 5 .0000E+00 4 .0000E+00 7 .0000E+00 8 .0000E+00 .0000E+00 13 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 2 .0000E+00 3 .0000E+00 4 .0000E+00 1 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* \*\*\* 15:16:42

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

SOURCE ID = L0000832 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 20 .0000E+00 17 .7200E+01 18 .0000E+00 19 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* \*\*\* 15:16:42 PAGE 61 \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0000833 ; SOURCE TYPE = VOLUME : HOUR SCALAR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00

6 .0000E+00 7 .0000E+00 8 .0000E+00

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14 .0000E+00 15 .0000E+00 16 .0000E+00
                                                         21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                             09/29/23
*** AERMET - VERSION 14134 *** ***
                             15:16:42
                             PAGE 62
                RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000834 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR
               HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                         13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00
                                           4 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                             19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
                                           4 .0000E+00
   1 .0000E+00
                2 .0000E+00
                              3 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                             19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
             23 .0000E+00 24 .0000E+00
22 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific O9/29/23
*** AERMET - VERSION 14134 *** ***
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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

WEEK (HRDOW) \*

SOURCE ID = L0000835 ; SOURCE TYPE = VOLUME : HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 12 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* 15:16:42

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000836 ; SOURCE TYPE = VOLUME : HOUR SCALAR HOUR SCALAR

```
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                            15:16:42
                            PAGE 65
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000837 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                      DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                 DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
```

6 .0000E+00 7 .0000E+00 8 .0000E+00

14 .0000E+00 15 .0000E+00 16 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

13 .0000E+00

```
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00
                 2 .0000E+00
                               3 .0000E+00 4 .0000E+00
                                                         5 .0000E+00
 .0000E+00
            7 .0000E+00
                           8 .0000E+00
                10 .0000E+00
                              11 .0000E+00 12 .0000E+00
   9 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00
                           16 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
  17 .0000E+00 18 .0000E+00
                            19 .0000E+00
             23 .0000E+00
                           24 .0000E+00
  .0000E+00
↑ *** AERMOD - VERSION 22112 ***
                              *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                              09/29/23
*** AERMET - VERSION 14134 ***
                              ***
                    ***
                             15:16:42
                             PAGE 66
                RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000838 ; SOURCE TYPE = VOLUME :
       SCALAR
               HOUR SCALAR HOUR
                                   SCALAR HOUR SCALAR HOUR
                           HOUR SCALAR
HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00
                               3 .0000E+00 4 .0000E+00 5 .0000E+00
                         8 .7200E+01
 .0000E+00 7 .0000E+00
   9 .7200E+01
                10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                          13 .7200E+01
14 .7200E+01 15 .7200E+01
                           16 .7200E+01
  17 .7200E+01 18 .0000E+00
                            19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
   1 .0000E+00
                2 .0000E+00
                               3 .0000E+00
                                           4 .0000E+00
                                                          5 .0000E+00
 .0000E+00
           7 .0000E+00
                           8 .0000E+00
                10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
   9 .0000E+00
                          16 .0000E+00
  .0000E+00 15 .0000E+00
                                            20 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00
                           24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                                                          5 .0000E+00
                               3 .0000E+00
                                            4 .0000E+00
 .0000E+00 7 .0000E+00
                           8 .0000E+00
                10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
   9 .0000E+00
                                                          13 .0000E+00
  .0000E+00 15 .0000E+00 16 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
  17 .0000E+00 18 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 ***
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                             15:16:42
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0000839 ; SOURCE TYPE = VOLUME : SCALAR HOUR SCALAR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 20 .0000E+00 21 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* \*\*\* 15:16:42 PAGE 68 \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0000840 ; SOURCE TYPE = VOLUME : SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR SCALAR HOUR HOUR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00

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6 .0000E+00 7 .0000E+00 8 .7200E+01
                                             12 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                                           13 .7200E+01
              15 .7200E+01 16 .7200E+01
14 .7200E+01
  17 .7200E+01 18 .0000E+00
                               19 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00
            23 .0000E+00
                            24 .0000E+00
                                        DAY OF WEEK = SATURDAY
                                              4 .0000E+00
   1 .0000E+00 2 .0000E+00
                                                           5
                               3 .0000E+00
                                                               .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
                10
                               11 .0000E+00
                                             12 .0000E+00
   9 .0000E+00
                   .0000E+00
                                                           13 .0000E+00
              15 .0000E+00
                            16 .0000E+00
14 .0000E+00
  17 .0000E+00 18 .0000E+00
                               19 .0000E+00
                                             20 .0000E+00
                                                           21
                                                               .0000E+00
            23 .0000E+00
22 .0000E+00
                           24 .0000E+00
                                        DAY OF WEEK = SUNDAY
                2 .0000E+00
                               3 .0000E+00
                                             4 .0000E+00
   1 .0000E+00
                                                            5
                                                               .0000E+00
            7 .0000E+00
 .0000E+00
                            8 .0000E+00
   9 .0000E+00 10 .0000E+00
                               11 .0000E+00
                                             12 .0000E+00
                                                           13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                               19 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
↑ *** AERMOD - VERSION 22112 ***
                               *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
                              09/29/23
San Marcos\Pacific\Pacific ***
*** AERMET - VERSION 14134 *** ***
                              15:16:42
                              PAGE 69
 *** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                 * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000841
                     ; SOURCE TYPE = VOLUME
       SCALAR HOUR
                             HOUR SCALAR HOUR SCALAR HOUR SCALAR
                      SCALAR
                            HOUR
HOUR
      SCALAR HOUR
                    SCALAR
                                  SCALAR
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                             4 .0000E+00
                                                          5 .0000E+00
              7 .0000E+00
                            8 .7200E+01
 .0000E+00
   9 .7200E+01 10 .7200E+01
                               11 .7200E+01
                                             12 .7200E+01
                                                           13 .7200E+01
14 .7200E+01 15 .7200E+01
                           16 .7200E+01
                                                           21 .0000E+00
  17 .7200E+01
                18 .0000E+00
                               19 .0000E+00
                                             20 .0000E+00
22 .0000E+00 23 .0000E+00
                            24 .0000E+00
                                        DAY OF WEEK = SATURDAY
                                                          5 .0000E+00
                               3 .0000E+00 4 .0000E+00
   1 .0000E+00
                 2 .0000E+00
              7 .0000E+00
 .0000E+00
                            8 .0000E+00
                10
                               11 .0000E+00
                                             12 .0000E+00
   9 .0000E+00
                   .0000E+00
                                                           13 .0000E+00
              15 .0000E+00
                            16 .0000E+00
14 .0000E+00
  17 .0000E+00 18 .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
 .0000E+00 7 .0000E+00
                            8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                              19 .0000E+00
                18 .0000E+00
  17 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 ***
                               *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                09/29/23
*** AERMET - VERSION 14134 ***
                             15:16:42
                             PAGE 70
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000842
                     ; SOURCE TYPE = VOLUME
               HOUR SCALAR
 HOUR SCALAR
                            HOUR
                                  SCALAR HOUR SCALAR HOUR
                                                                SCALAR
     SCALAR HOUR SCALAR HOUR
                                  SCALAR
HOUR
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                             4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00
                           8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                            12 .7200E+01
                                                          13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01
                18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SATURDAY
                 2 .0000E+00
                               3 .0000E+00 4 .0000E+00
   1 .0000E+00
                                                         5 .0000E+00
 .0000E+00 7 .0000E+00
                            8 .0000E+00
   9 .0000E+00
                10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00
                            16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SUNDAY
                2 .0000E+00
   1 .0000E+00
                               3 .0000E+00
                                             4 .0000E+00
                                                           5
                                                              .0000E+00
 .0000E+00 7 .0000E+00
                            8 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
  17 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                              09/29/23
                              ***
*** AERMET - VERSION 14134 ***
                             15:16:42
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000843 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                     DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                          20 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                            15:16:42
                            PAGE 72
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000844 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                     DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
```

```
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                                        21 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
   1 .0000E+00
                2 .0000E+00
                              3 .0000E+00 4 .0000E+00
                                                       5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
                           24 .0000E+00
22 .0000E+00 23 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                                           4 .0000E+00
                              3 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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                            15:16:42
                            PAGE 73
                RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000845 ; SOURCE TYPE = VOLUME
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                       DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                           12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00
                             19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
                                          4 .0000E+00
   1 .0000E+00
                2 .0000E+00
                              3 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
                                           12 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00
                           24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00
                              3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
```

```
10 .0000E+00
   9 .0000E+00
                                 11 .0000E+00
                                                12 .0000E+00
                                                               13 .0000E+00
14 .0000E+00
               15 .0000E+00
                              16 .0000E+00
  17 .0000E+00
                 18
                                 19 .0000E+00
                                                20 .0000E+00
                                                               21 .0000E+00
                     .0000E+00
22 .0000E+00
               23 .0000E+00
                              24 .0000E+00
↑ *** AERMOD - VERSION 22112 ***
                                  *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                   09/29/23
 *** AERMET - VERSION 14134 ***
                                15:16:42
                                PAGE 74
 *** MODELOPTs:
                  RegDFAULT CONC ELEV RURAL
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
 SOURCE ID = L0000846
                        ; SOURCE TYPE = VOLUME
        SCALAR
                HOUR
                       SCALAR
                                HOUR
                                      SCALAR
                                               HOUR SCALAR
                                                              HOUR SCALAR
      SCALAR
               HOUR
HOUR
                     SCALAR
                              HOUR
                                     SCALAR
                                           DAY OF WEEK = WEEKDAY
   1 .0000E+00
                  2 .0000E+00
                                  3 .0000E+00
                                                 4 .0000E+00
                                                                5
                                                                   .0000E+00
  .0000E+00
               7 .0000E+00
                              8 .7200E+01
   9 .7200E+01
                  10
                     .7200E+01
                                 11 .7200E+01
                                                12 .7200E+01
                                                               13 .7200E+01
14 .7200E+01
               15 .7200E+01
                              16 .7200E+01
  17 .7200E+01
                 18 .0000E+00
                                 19 .0000E+00
                                                20 .0000E+00
                                                               21 .0000E+00
                              24 .0000E+00
22 .0000E+00 23 .0000E+00
                                           DAY OF WEEK = SATURDAY
   1 .0000E+00
                   2 .0000E+00
                                  3 .0000E+00
                                                4 .0000E+00
                                                                5
                                                                   .0000E+00
  .0000E+00
               7 .0000E+00
                                .0000E+00
                 10
                                                12 .0000E+00
                                                               13 .0000E+00
   9 .0000E+00
                     .0000E+00
                                 11 .0000E+00
               15 .0000E+00
                              16 .0000E+00
14 .0000E+00
  17 .0000E+00
                 18
                     .0000E+00
                                 19
                                    .0000E+00
                                                               21
                                                20
                                                   .0000E+00
                                                                   .0000E+00
                                 .0000E+00
22 .0000E+00 23 .0000E+00
                              24
                                           DAY OF WEEK = SUNDAY
   1 .0000E+00
                   2 .0000E+00
                                  3 .0000E+00
                                                4 .0000E+00
                                                                5
                                                                   .0000E+00
               7 .0000E+00
  .0000E+00
                                .0000E+00
   9 .0000E+00
                  10
                     .0000E+00
                                 11 .0000E+00
                                                12 .0000E+00
                                                               13
                                                                   .0000E+00
   .0000E+00
               15 .0000E+00
                              16 .0000E+00
  17 .0000E+00
                 18
                     .0000E+00
                                 19 .0000E+00
                                                20 .0000E+00
                                                               21 .0000E+00
               23 .0000E+00
22 .0000E+00
                              24 .0000E+00
↑ *** AERMOD - VERSION 22112 ***
                                  *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
                                  09/29/23
San Marcos\Pacific\Pacific ***
 *** AERMET - VERSION 14134 ***
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                                15:16:42
                                PAGE 75
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

<sup>\*</sup> SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF

```
SOURCE ID = L0000847 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                     DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                         20 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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                           15:16:42
                            PAGE 76
*** MODELOPTs:
               RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000848 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                     DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
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22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00
                            3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                     13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                                     21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                   DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                    5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                     13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
↑ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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                           15:16:42
                           PAGE 77
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000849 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                     13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00
                                       4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                        12 .0000E+00
                                                     13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21
                                                        .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SUNDAY
   1 .0000E+00
               2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   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 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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                            15:16:42
                            PAGE 78
*** MODELOPTs:
               RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000850 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                   DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                         5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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                            15:16:42
                            PAGE 79
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
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\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF

WEEK (HRDOW) \*

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SOURCE ID = L0000851 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                            15:16:42
                            PAGE 80
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000852 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .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
                                                       21 .0000E+00
                                          20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                             3 .0000E+00 4 .0000E+00
                                                      5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 ***
                            15:16:42
                            PAGE 81
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000853 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                      5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                          4 .0000E+00
                                                      5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
                                          12 .0000E+00
                                                       13 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .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 22112 *** *** C:\Users\apol1\Desktop\HARP2\HARP\Pacific
                              09/29/23
San Marcos\Pacific\Pacific ***
 *** AERMET - VERSION 14134 ***
                    ***
                              15:16:42
                              PAGE 82
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                 * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000854 ; SOURCE TYPE = VOLUME :
       SCALAR
               HOUR
                      SCALAR HOUR
                                    SCALAR
                                            HOUR
                                                  SCALAR HOUR
                                                                 SCALAR
     SCALAR HOUR SCALAR HOUR
                                  SCALAR
                                         DAY OF WEEK = WEEKDAY
   1 .0000E+00
                2 .0000E+00
                                3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00
                            8 .7200E+01
   9 .7200E+01
                10 .7200E+01
                               11 .7200E+01
                                             12 .7200E+01
                                                           13 .7200E+01
14 .7200E+01
              15 .7200E+01
                            16 .7200E+01
  17 .7200E+01
                18 .0000E+00
                               19 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                         DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00
                                              4 .0000E+00
                                3 .0000E+00
                                                            5
                                                               .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00
                10
                   .0000E+00
                               11 .0000E+00
                                             12 .0000E+00
                                                           13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00
                18 .0000E+00
                               19 .0000E+00
                                             20 .0000E+00
                                                            21
                                                               .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                         DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00
                                3 .0000E+00
                                             4 .0000E+00
                                                            5
                                                               .0000E+00
 .0000E+00
            7 .0000E+00
                            8 .0000E+00
   9 .0000E+00 10 .0000E+00
                               11 .0000E+00
                                             12 .0000E+00
                                                           13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                               19 .0000E+00
  17 .0000E+00
                18 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
                            24 .0000E+00
22 .0000E+00
              23 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                09/29/23
*** AERMET - VERSION 14134 ***
                    ***
                              15:16:42
                              PAGE 83
                RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
                 * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000855
                      ; SOURCE TYPE = VOLUME
                                             :
 HOUR SCALAR HOUR
                      SCALAR HOUR
                                    SCALAR
                                            HOUR SCALAR
                                                          HOUR
                                                                 SCALAR
```

DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 20 .0000E+00 17 .7200E+01 18 .0000E+00 19 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 21 .0000E+00 20 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ↑ \*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* \*\*\* 15:16:42 PAGE 84 \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0000856 ; SOURCE TYPE = VOLUME : HOUR SCALAR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 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
                                                            .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                         21 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
                             09/29/23
San Marcos\Pacific\Pacific ***
*** AERMET - VERSION 14134 *** ***
                             15:16:42
                             PAGE 85
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000857 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR
                                 SCALAR
                                       DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                          4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                         13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                                         21 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00 4 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00
                10 .0000E+00
                             11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00
             15 .0000E+00
                           16 .0000E+00
                                                         21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00
                                           4 .0000E+00
                                                            .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00
                                           12 .0000E+00
                             11 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                           20 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
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                             15:16:42
                             PAGE 86
                RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000858 ; SOURCE TYPE = VOLUME :
               HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                       DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01
                18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
                2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
   1 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00 4 .0000E+00
                                                          5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                             15:16:42
                             PAGE 87
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000859 ; SOURCE TYPE = VOLUME
 HOUR SCALAR HOUR
                     SCALAR HOUR SCALAR
                                          HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
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\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 20 .0000E+00 21 .0000E+00 17 .7200E+01 18 .0000E+00 19 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 4 .0000E+00 1 .0000E+00 2 .0000E+00 3 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* 15:16:42 PAGE 88 \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0000860 ; SOURCE TYPE = VOLUME : HOUR SCALAR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .7200E+01 12 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 20 .0000E+00 17 .7200E+01 18 .0000E+00 19 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 4 .0000E+00 5 .0000E+00 2 .0000E+00 3 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 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
                2 .0000E+00
   1 .0000E+00
                               3 .0000E+00
                                           4 .0000E+00
                                                          5 .0000E+00
           7 .0000E+00 8 .0000E+00
 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                    ***
                             15:16:42
                             PAGE 89
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000861 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR
                     SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
      SCALAR HOUR
HOUR
                   SCALAR
                           HOUR
                                  SCALAR
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01
                10 .7200E+01
                              11 .7200E+01
                                            12 .7200E+01
                                                          13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01
                18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SATURDAY
   1 .0000E+00
                 2 .0000E+00
                               3 .0000E+00
                                           4 .0000E+00
                                                         5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00
             15 .0000E+00
                           16 .0000E+00
                18 .0000E+00
                              19 .0000E+00
  17 .0000E+00
                                            20 .0000E+00
                                                          21
                                                              .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SUNDAY
                               3 .0000E+00 4 .0000E+00
   1 .0000E+00
                 2 .0000E+00
                                                           5 .0000E+00
           7 .0000E+00
 .0000E+00
                           8 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00
                           16 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00
                           24 .0000E+00
★ *** AERMOD - VERSION 22112 ***
                               *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                              09/29/23
*** AERMET - VERSION 14134 ***
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                    ***
                             15:16:42
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PAGE 90 \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0000862 ; SOURCE TYPE = VOLUME : HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 23 .0000E+00 24 .0000E+00 22 .0000E+00 ★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* 15:16:42

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000863 ; SOURCE TYPE = VOLUME 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 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                        12 .7200E+01
                                                     13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                                     21 .0000E+00
                                        20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                    5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                     13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                      5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                     13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                           15:16:42
                           PAGE 92
*** MODELOPTs:
               RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000864 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
 DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                       4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                        12 .0000E+00
                                                     13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
```

```
DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
                                                         13 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00 12 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apol1\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                             15:16:42
                             PAGE 93
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000865 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                          HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                       DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                         13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
                              19 .0000E+00
  17 .7200E+01 18 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                                         21 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00
                              3 .0000E+00 4 .0000E+00
                                                          5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00 12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
                             09/29/23
San Marcos\Pacific\Pacific ***
*** AERMET - VERSION 14134 ***
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                             15:16:42
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000866 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                   DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SUNDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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                           15:16:42
                           PAGE 95
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000867 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
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9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                      13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                      13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                                      21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                              DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                      13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apol1\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                           15:16:42
                           PAGE 96
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000868 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
                                         20 .0000E+00
                                                      21 .0000E+00
  17 .7200E+01 18 .0000E+00 19 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                      13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                                      21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
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6 .0000E+00 7 .0000E+00 8 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18
                   .0000E+00
                            19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
            23 .0000E+00 24 .0000E+00
22 .0000E+00
↑ *** AERMOD - VERSION 22112 ***
                               *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                               09/29/23
*** AERMET - VERSION 14134 ***
                   ***
                             15:16:42
                             PAGE 97
                RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000869 ; SOURCE TYPE = VOLUME :
               HOUR
                             HOUR
                                   SCALAR
                                          HOUR SCALAR HOUR
 HOUR
       SCALAR
                     SCALAR
                                                              SCALAR
HOUR SCALAR HOUR SCALAR HOUR
                                 SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                         13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00
                             19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00
                                            4 .0000E+00
                              3 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10
                   .0000E+00
                             11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                             19 .0000E+00
                                           20 .0000E+00
                                                         21
                                                             .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00
                              3 .0000E+00
                                            4 .0000E+00
                                                          5 .0000E+00
 .0000E+00 7 .0000E+00
                           8 .0000E+00
   9 .0000E+00 10 .0000E+00
                             11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                             19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
↑ *** AERMOD - VERSION 22112 ***
                               *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
                             09/29/23
San Marcos\Pacific\Pacific ***
*** AERMET - VERSION 14134 *** ***
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                             15:16:42
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000870 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
                                         20 .0000E+00
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                                      21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
                                        4 .0000E+00 5 .0000E+00
   1 .0000E+00 2 .0000E+00 3 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                      13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00
                                                      21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                      13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00
                                                      21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                           15:16:42
                           PAGE 99
              RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000871 ; SOURCE TYPE = VOLUME :
              HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR
                               SCALAR
                                     DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
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17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                      5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                          12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                          20 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                            15:16:42
                            PAGE 100
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000872 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                      DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
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14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                            15:16:42
                            PAGE 101
               RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000873 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                            15:16:42
                            PAGE 102
*** MODELOPTs:
               RegDFAULT CONC ELEV RURAL
```

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

WEEK (HRDOW) \*

```
SOURCE ID = L0000874 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR
                                  SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                      DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                       5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00
                                          4 .0000E+00
                                                       5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                            15:16:42
                            PAGE 103
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000875 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR
                     SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
     SCALAR HOUR SCALAR
                          HOUR SCALAR
                                      DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                          4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
                                           12 .7200E+01 13 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
```

```
DAY OF WEEK = SATURDAY
```

- 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*
  - \*\*\* 15:16:42

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

17 .0000E+00 18 .0000E+00 19 .0000E+00

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

SOURCE ID = L0000876 ; SOURCE TYPE = VOLUME : HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

20 .0000E+00

21 .0000E+00

```
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                              09/29/23
*** AERMET - VERSION 14134 *** ***
                              15:16:42
                              PAGE 105
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000877
                     ; SOURCE TYPE = VOLUME
      SCALAR
               HOUR SCALAR
                            HOUR SCALAR HOUR SCALAR HOUR
                                                                SCALAR
HOUR
      SCALAR
             HOUR
                    SCALAR
                            HOUR
                                  SCALAR
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00
                               3 .0000E+00
                                             4 .0000E+00
                                                         5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                             12 .7200E+01
                                                           13 .7200E+01
  .7200E+01 15 .7200E+01 16 .7200E+01
                              19 .0000E+00
  17 .7200E+01 18 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SATURDAY
                                                          5 .0000E+00
   1 .0000E+00
                2 .0000E+00
                               3 .0000E+00 4 .0000E+00
 .0000E+00 7 .0000E+00
                         8 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                             12 .0000E+00
                                                           13 .0000E+00
14 .0000E+00 15 .0000E+00
                            16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00
                               3 .0000E+00
                                           4 .0000E+00
                                                            5 .0000E+00
 .0000E+00 7 .0000E+00
                            8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                             12 .0000E+00
                                                           13 .0000E+00
  .0000E+00 15 .0000E+00 16 .0000E+00
                                             20 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                           21 .0000E+00
              23 .0000E+00 24 .0000E+00
  .0000E+00
↑ *** AERMOD - VERSION 22112 ***
                               *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                09/29/23
                              ***
*** AERMET - VERSION 14134 ***
                              15:16:42
                              PAGE 106
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000878 ; SOURCE TYPE = VOLUME :
```

```
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
  9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                           DAY OF WEEK = SATURDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                             DAY OF WEEK = SUNDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                 ***
                         15:16:42
                         PAGE 107
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
              * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000879 : SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
  9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                            DAY OF WEEK = SATURDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
```

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

```
9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                                         21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
                                          4 .0000E+00
   1 .0000E+00 2 .0000E+00
                                                          5 .0000E+00
                              3 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                             15:16:42
                             PAGE 108
                RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000880 ; SOURCE TYPE = VOLUME :
               HOUR
                     SCALAR HOUR SCALAR
                                          HOUR SCALAR
                                                        HOUR SCALAR
 HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                       DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                           12 .7200E+01
                                                         13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00 4 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                                         21 .0000E+00
  17 .0000E+00 18 .0000E+00
                             19 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
                2 .0000E+00
                              3 .0000E+00 4 .0000E+00
                                                          5 .0000E+00
   1 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                           20 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
```

6 .0000E+00 7 .0000E+00 8 .0000E+00

San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* 15:16:42 **PAGE 109** \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0000881 ; SOURCE TYPE = VOLUME : SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .7200E+01 11 .7200E+01 12 .7200E+01 9 .7200E+01 10 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 5 .0000E+00 4 .0000E+00 7 .0000E+00 8 .0000E+00 .0000E+00 13 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 2 .0000E+00 3 .0000E+00 4 .0000E+00 1 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* \*\*\* 15:16:42

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

SOURCE ID = L0000882 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 20 .0000E+00 17 .7200E+01 18 .0000E+00 19 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* \*\*\* 15:16:42 PAGE 111 \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0000883 ; SOURCE TYPE = VOLUME : HOUR SCALAR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00

6 .0000E+00 7 .0000E+00 8 .0000E+00

```
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                                         21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                             09/29/23
*** AERMET - VERSION 14134 *** ***
                             15:16:42
                             PAGE 112
                RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000884 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR
               HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                         13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00
                                           4 .0000E+00
                                                       5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                             19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
                                          4 .0000E+00
   1 .0000E+00
                2 .0000E+00
                              3 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                             19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
             23 .0000E+00 24 .0000E+00
22 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific O9/29/23
*** AERMET - VERSION 14134 *** ***
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000885 ; SOURCE TYPE = VOLUME : HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 12 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* 15:16:42

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000886 ; SOURCE TYPE = VOLUME : HOUR SCALAR HOUR SCALAR

```
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                            15:16:42
                            PAGE 115
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000887 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                      DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                 DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
```

6 .0000E+00 7 .0000E+00 8 .0000E+00

14 .0000E+00 15 .0000E+00 16 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

13 .0000E+00

```
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00
                 2 .0000E+00
                               3 .0000E+00 4 .0000E+00
                                                         5 .0000E+00
 .0000E+00
            7 .0000E+00
                           8 .0000E+00
                10 .0000E+00
                              11 .0000E+00 12 .0000E+00
   9 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00
                           16 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
             23 .0000E+00
                           24 .0000E+00
  .0000E+00
↑ *** AERMOD - VERSION 22112 ***
                              *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                              09/29/23
*** AERMET - VERSION 14134 ***
                              ***
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                             15:16:42
                             PAGE 116
                RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000888 ; SOURCE TYPE = VOLUME :
       SCALAR
               HOUR SCALAR HOUR
                                   SCALAR HOUR SCALAR HOUR
                           HOUR SCALAR
HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00
                               3 .0000E+00 4 .0000E+00 5 .0000E+00
                         8 .7200E+01
 .0000E+00 7 .0000E+00
   9 .7200E+01
                10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                         13 .7200E+01
14 .7200E+01 15 .7200E+01
                           16 .7200E+01
  17 .7200E+01 18 .0000E+00
                            19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
   1 .0000E+00
                2 .0000E+00
                               3 .0000E+00
                                          4 .0000E+00
                                                          5 .0000E+00
 .0000E+00 7 .0000E+00
                           8 .0000E+00
                10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                         13 .0000E+00
   9 .0000E+00
  .0000E+00 15 .0000E+00 16 .0000E+00
                                            20 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00
                           24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                                                          5 .0000E+00
                               3 .0000E+00
                                            4 .0000E+00
 .0000E+00 7 .0000E+00
                           8 .0000E+00
                10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
   9 .0000E+00
                                                         13 .0000E+00
  .0000E+00 15 .0000E+00 16 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
  17 .0000E+00 18 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL				
* SOURCE EMISSION RATE SCALARS WEEK (HRDOW) *	WHICH VARY DIU	RNALLY AND BY DAY OF		
SOURCE ID = L0000889 ; SOURCE TYPE = VOLUME HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR	HOUR SCALAR	HOUR SCALAR		
	OF WEEK = WEEK			
1 .0000E+00 2 .0000E+00 3 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01	4 .0000E+00	5 .0000E+00		
9 .7200E+01 10 .7200E+01 11 .7200E+01	12 .7200E+01	13 .7200E+01		
14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00	20 .0000E+00	21 .0000E+00		
22 .0000E+00 23 .0000E+00 24 .0000E+00				
	OF WEEK = SATUR			
1 .0000E+00 2 .0000E+00 3 .0000E+00	4 .0000E+00	5 .0000E+00		
6 .0000E+00 7 .0000E+00 8 .0000E+00				
9 .0000E+00 10 .0000E+00 11 .0000E+00	12 .0000E+00	13 .0000E+00		
14 .0000E+00 15 .0000E+00 16 .0000E+00	20 00005.00	24 00005.00		
	20 .0000E+00	21 .0000E+00		
22 .0000E+00 23 .0000E+00 24 .0000E+00	OF WEEK = SUNDA	١V		
1 .0000E+00 2 .0000E+00 3 .0000E+00				
6 .0000E+00 7 .0000E+00 8 .0000E+00	+ .0000L100	3 .00002100		
	12 .0000E+00	13 .0000E+00		
14 .0000E+00 15 .0000E+00 16 .0000E+00	12 .00001.00	13 .00002.00		
17 .0000E+00 18 .0000E+00 19 .0000E+00	20 .0000E+00	21 .0000E+00		
22 .0000E+00 23 .0000E+00 24 .0000E+00				
*** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific				
San Marcos\Pacific\Pacific *** 09/29/23  *** AERMET - VERSION 14134 *** ***				
*** AERMEI - VERSION 14134 *** ***  *** 15.16.42				
*** 15:16:42				
PAGE 118				
*** MODELOPTs: RegDFAULT CONC ELEV RURAL				
reguradi conc elev kokal				
* SOURCE EMISSION RATE SCALARS	WHTCH VARY DILIF	RNALLY AND BY DAY OF		
WEEK (HRDOW) *				
COURSE TO LOGGODO COURSE TURE VOLUME				
SOURCE ID = L0000890 ; SOURCE TYPE = VOLUME	:	HOUR COALAR		
	HOUR SCALAR	HOUR SCALAR		
HOUR SCALAR HOUR SCALAR				
	·	<b></b>		
DAY OF WEEK = WEEKDAY				
1 .0000E+00 2 .0000E+00 3 .0000E+00	4 .0000E+00			

```
6 .0000E+00 7 .0000E+00 8 .7200E+01
                                             12 .7200E+01
                                                           13 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
              15 .7200E+01 16 .7200E+01
14 .7200E+01
  17 .7200E+01 18 .0000E+00
                              19 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00
            23 .0000E+00
                            24 .0000E+00
                                        DAY OF WEEK = SATURDAY
                                             4 .0000E+00
   1 .0000E+00 2 .0000E+00
                                                          5
                               3 .0000E+00
                                                              .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
                10
                              11 .0000E+00
                                             12 .0000E+00
   9 .0000E+00
                   .0000E+00
                                                           13 .0000E+00
             15 .0000E+00
                            16 .0000E+00
14 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                             20 .0000E+00
                                                           21
                                                              .0000E+00
            23 .0000E+00
22 .0000E+00
                           24 .0000E+00
                                        DAY OF WEEK = SUNDAY
                2 .0000E+00
                               3 .0000E+00
                                             4 .0000E+00
   1 .0000E+00
                                                            5
                                                              .0000E+00
           7 .0000E+00
 .0000E+00
                            8 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                             12 .0000E+00
                                                           13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
↑ *** AERMOD - VERSION 22112 ***
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                              09/29/23
San Marcos\Pacific\Pacific ***
*** AERMET - VERSION 14134 *** ***
                              15:16:42
                              PAGE 119
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000891
                     ; SOURCE TYPE = VOLUME
       SCALAR HOUR
                             HOUR SCALAR HOUR SCALAR HOUR SCALAR
                      SCALAR
                            HOUR
HOUR
      SCALAR HOUR
                    SCALAR
                                  SCALAR
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                             4 .0000E+00
                                                         5 .0000E+00
             7 .0000E+00
                          8 .7200E+01
 .0000E+00
   9 .7200E+01 10 .7200E+01
                              11 .7200E+01
                                             12 .7200E+01
                                                           13 .7200E+01
14 .7200E+01 15 .7200E+01
                           16 .7200E+01
                                                           21 .0000E+00
  17 .7200E+01
                18 .0000E+00
                              19 .0000E+00
                                             20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SATURDAY
                                                         5 .0000E+00
                               3 .0000E+00 4 .0000E+00
   1 .0000E+00
                 2 .0000E+00
           7 .0000E+00
 .0000E+00
                            8 .0000E+00
                10
                              11 .0000E+00
                                             12 .0000E+00
   9 .0000E+00
                   .0000E+00
                                                           13 .0000E+00
              15 .0000E+00
                            16 .0000E+00
14 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SUNDAY
```

```
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00
                           8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                              19 .0000E+00
                18 .0000E+00
  17 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 ***
                               *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                               09/29/23
*** AERMET - VERSION 14134 ***
                             15:16:42
                             PAGE 120
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000892
                    ; SOURCE TYPE = VOLUME
               HOUR SCALAR
 HOUR SCALAR
                            HOUR SCALAR HOUR SCALAR HOUR
                                                               SCALAR
     SCALAR HOUR SCALAR HOUR
                                  SCALAR
HOUR
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                            4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00
                           8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                            12 .7200E+01
                                                          13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01
                18 .0000E+00 19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SATURDAY
                2 .0000E+00
                               3 .0000E+00 4 .0000E+00
   1 .0000E+00
                                                         5 .0000E+00
 .0000E+00 7 .0000E+00
                           8 .0000E+00
   9 .0000E+00
                10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00
                           16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SUNDAY
                2 .0000E+00
   1 .0000E+00
                               3 .0000E+00
                                            4 .0000E+00
                                                           5
                                                              .0000E+00
 .0000E+00 7 .0000E+00
                           8 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
  17 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                              09/29/23
                             ***
*** AERMET - VERSION 14134 ***
                             15:16:42
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000893 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                      DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                          20 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                            15:16:42
                            PAGE 122
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000894 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                     DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
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14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                                        21 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
   1 .0000E+00
                2 .0000E+00
                             3 .0000E+00 4 .0000E+00
                                                       5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
                           24 .0000E+00
22 .0000E+00 23 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                                           4 .0000E+00
                              3 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                            15:16:42
                            PAGE 123
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000895 ; SOURCE TYPE = VOLUME
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                       DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                           12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00
                             19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
   1 .0000E+00
                2 .0000E+00
                              3 .0000E+00
                                          4 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
                                           12 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00
                           24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00
                              3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
```

```
10 .0000E+00
   9 .0000E+00
                                 11 .0000E+00
                                                12 .0000E+00
                                                               13 .0000E+00
14 .0000E+00
              15 .0000E+00
                              16 .0000E+00
  17 .0000E+00
                 18
                                 19 .0000E+00
                                                20 .0000E+00
                                                               21 .0000E+00
                     .0000E+00
22 .0000E+00
               23 .0000E+00
                              24 .0000E+00
↑ *** AERMOD - VERSION 22112 ***
                                  *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                   09/29/23
 *** AERMET - VERSION 14134 ***
                                15:16:42
                                PAGE 124
 *** MODELOPTs:
                  RegDFAULT CONC ELEV RURAL
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
 SOURCE ID = L0000896
                       ; SOURCE TYPE = VOLUME
        SCALAR
                HOUR
                       SCALAR
                                HOUR
                                      SCALAR
                                               HOUR SCALAR
                                                              HOUR SCALAR
      SCALAR
              HOUR
HOUR
                     SCALAR
                              HOUR
                                    SCALAR
                                           DAY OF WEEK = WEEKDAY
   1 .0000E+00
                  2 .0000E+00
                                 3 .0000E+00
                                                4 .0000E+00
                                                                5
                                                                   .0000E+00
  .0000E+00
              7 .0000E+00
                              8 .7200E+01
   9 .7200E+01
                 10
                     .7200E+01
                                 11 .7200E+01
                                                12 .7200E+01
                                                               13 .7200E+01
14 .7200E+01
               15 .7200E+01
                              16 .7200E+01
  17 .7200E+01
                 18 .0000E+00
                                 19 .0000E+00
                                                20 .0000E+00
                                                               21 .0000E+00
                              24 .0000E+00
22 .0000E+00 23 .0000E+00
                                           DAY OF WEEK = SATURDAY
   1 .0000E+00
                   2 .0000E+00
                                  3 .0000E+00
                                                4 .0000E+00
                                                                5
                                                                   .0000E+00
  .0000E+00
               7 .0000E+00
                                .0000E+00
                 10 .0000E+00
                                                12 .0000E+00
                                                               13 .0000E+00
   9 .0000E+00
                                 11 .0000E+00
               15 .0000E+00
                              16 .0000E+00
14 .0000E+00
  17 .0000E+00
                 18
                     .0000E+00
                                 19
                                    .0000E+00
                                                               21
                                                20
                                                   .0000E+00
                                                                   .0000E+00
                                 .0000E+00
22 .0000E+00 23 .0000E+00
                              24
                                           DAY OF WEEK = SUNDAY
                                                4 .0000E+00
   1 .0000E+00
                   2 .0000E+00
                                  3 .0000E+00
                                                                5
                                                                   .0000E+00
              7 .0000E+00
  .0000E+00
                                .0000E+00
   9 .0000E+00
                  10
                     .0000E+00
                                 11 .0000E+00
                                                12 .0000E+00
                                                               13 .0000E+00
   .0000E+00
               15 .0000E+00
                              16 .0000E+00
  17 .0000E+00
                 18
                     .0000E+00
                                 19 .0000E+00
                                                20 .0000E+00
                                                               21 .0000E+00
               23 .0000E+00
22 .0000E+00
                              24 .0000E+00
↑ *** AERMOD - VERSION 22112 ***
                                  *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
                                  09/29/23
San Marcos\Pacific\Pacific ***
 *** AERMET - VERSION 14134 ***
                                 ***
                                15:16:42
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

<sup>\*</sup> SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF

```
SOURCE ID = L0000897 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                     DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                         20 .0000E+00 21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                  ***
                           15:16:42
                            PAGE 126
*** MODELOPTs:
               RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000898 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                     DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .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
                                                     21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                   DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                    5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                     13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
↑ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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                           15:16:42
                           PAGE 127
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000899 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                     13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00
                                       4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                        12 .0000E+00
                                                     13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21
                                                        .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SUNDAY
   1 .0000E+00
               2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
```

22 .0000E+00 23 .0000E+00 24 .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 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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                           15:16:42
                           PAGE 128
*** MODELOPTs:
               RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000900 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
 DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00
                                                      21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                         12 .0000E+00
                                                      13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00
                                                      21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                       5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                      13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00
                                                      21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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                           15:16:42
                           PAGE 129
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
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SOURCE ID = L0000901 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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                            15:16:42
                            PAGE 130
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000902 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .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
                                                       21 .0000E+00
                                          20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                             3 .0000E+00 4 .0000E+00
                                                      5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 ***
                            15:16:42
                            PAGE 131
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000903 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                      5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                          4 .0000E+00
                                                      5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
                                          12 .0000E+00
                                                       13 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .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 22112 *** *** C:\Users\apol1\Desktop\HARP2\HARP\Pacific
                              09/29/23
San Marcos\Pacific\Pacific ***
 *** AERMET - VERSION 14134 ***
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                              15:16:42
                              PAGE 132
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                 * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000904 ; SOURCE TYPE = VOLUME :
       SCALAR
               HOUR
                      SCALAR HOUR
                                    SCALAR
                                            HOUR
                                                  SCALAR HOUR
                                                                 SCALAR
     SCALAR HOUR SCALAR HOUR
                                  SCALAR
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00
                2 .0000E+00
                                3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00
                            8 .7200E+01
   9 .7200E+01
                10 .7200E+01
                               11 .7200E+01
                                             12 .7200E+01
                                                           13 .7200E+01
14 .7200E+01
              15 .7200E+01
                            16 .7200E+01
  17 .7200E+01
                18 .0000E+00
                               19 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00
                                              4 .0000E+00
                                3 .0000E+00
                                                            5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00
                10
                   .0000E+00
                               11 .0000E+00
                                             12 .0000E+00
                                                           13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00
                18 .0000E+00
                               19 .0000E+00
                                             20 .0000E+00
                                                           21
                                                               .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00
                                3 .0000E+00 4 .0000E+00
                                                            5
                                                               .0000E+00
 .0000E+00
            7 .0000E+00
                            8 .0000E+00
   9 .0000E+00 10 .0000E+00
                               11 .0000E+00
                                             12 .0000E+00
                                                           13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                               19 .0000E+00
  17 .0000E+00
                18 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
                            24 .0000E+00
22 .0000E+00
              23 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                09/29/23
 *** AERMET - VERSION 14134 *** ***
                    ***
                              15:16:42
                              PAGE 133
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                 * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000905
                      ; SOURCE TYPE = VOLUME
                                             :
 HOUR SCALAR HOUR
                      SCALAR HOUR
                                    SCALAR
                                            HOUR SCALAR
                                                          HOUR
                                                                SCALAR
```

DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 20 .0000E+00 17 .7200E+01 18 .0000E+00 19 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 21 .0000E+00 20 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ↑ \*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* \*\*\* 15:16:42 **PAGE 134** \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0000906 ; SOURCE TYPE = VOLUME : HOUR SCALAR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

```
9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00
                              3 .0000E+00
                                          4 .0000E+00
                                                            .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
                             09/29/23
San Marcos\Pacific\Pacific ***
*** AERMET - VERSION 14134 *** ***
                             15:16:42
                             PAGE 135
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000907 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR
                                 SCALAR
                                       DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                          4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                         13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                                         21 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00 4 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00
                10 .0000E+00
                             11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00
                           16 .0000E+00
                                                         21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00
                                          4 .0000E+00
                                                            .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                           20 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
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                             15:16:42
                             PAGE 136
                RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000908 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                       DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
                2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
   1 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00 4 .0000E+00
                                                          5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                             15:16:42
                             PAGE 137
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000909
                    ; SOURCE TYPE = VOLUME
 HOUR SCALAR HOUR
                     SCALAR HOUR SCALAR
                                          HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
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\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 20 .0000E+00 21 .0000E+00 17 .7200E+01 18 .0000E+00 19 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 4 .0000E+00 1 .0000E+00 2 .0000E+00 3 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* 15:16:42 **PAGE 138** \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0000910 ; SOURCE TYPE = VOLUME : HOUR SCALAR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .7200E+01 12 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 20 .0000E+00 17 .7200E+01 18 .0000E+00 19 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 4 .0000E+00 5 .0000E+00 2 .0000E+00 3 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 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
                2 .0000E+00
   1 .0000E+00
                               3 .0000E+00
                                           4 .0000E+00
                                                          5 .0000E+00
           7 .0000E+00 8 .0000E+00
 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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                             15:16:42
                             PAGE 139
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000911 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR
                     SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
      SCALAR HOUR
HOUR
                   SCALAR
                           HOUR
                                 SCALAR
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01
                10 .7200E+01
                              11 .7200E+01
                                            12 .7200E+01
                                                          13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SATURDAY
   1 .0000E+00
                 2 .0000E+00
                               3 .0000E+00
                                           4 .0000E+00
                                                         5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
                           16 .0000E+00
14 .0000E+00 15 .0000E+00
                18 .0000E+00
                              19 .0000E+00
  17 .0000E+00
                                            20 .0000E+00
                                                          21
                                                              .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SUNDAY
                               3 .0000E+00 4 .0000E+00
   1 .0000E+00
                 2 .0000E+00
                                                           5 .0000E+00
           7 .0000E+00
 .0000E+00
                           8 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00
                           16 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00
                           24 .0000E+00
★ *** AERMOD - VERSION 22112 ***
                               *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                              09/29/23
*** AERMET - VERSION 14134 ***
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                             15:16:42
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PAGE 140 \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0000912 ; SOURCE TYPE = VOLUME : HOUR SCALAR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* 15:16:42 **PAGE 141** \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0000913; SOURCE TYPE = VOLUME

SCALAR

SCALAR

HOUR

SCALAR

SCALAR HOUR

HOUR

SCALAR

SCALAR

HOUR

HOUR

DAY OF WEEK = WEEKDAY

HOUR SCALAR HOUR SCALAR

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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 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                        12 .7200E+01
                                                     13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                                     21 .0000E+00
                                        20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                    5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                     13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                      5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                     13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                           15:16:42
                           PAGE 142
*** MODELOPTs:
               RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000914 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
 DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                       4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
                                                     13 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                        12 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .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
 .0000E+00 7 .0000E+00 8 .0000E+00
                                                         13 .0000E+00
   9 .0000E+00 10 .0000E+00
                             11 .0000E+00 12 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apol1\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                             15:16:42
                             PAGE 143
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000915 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                          HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                       DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                         13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
                             19 .0000E+00
  17 .7200E+01 18 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                             19 .0000E+00
                                                         21 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00
                              3 .0000E+00 4 .0000E+00
                                                          5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00
                             11 .0000E+00 12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                             19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
                             09/29/23
San Marcos\Pacific\Pacific ***
*** AERMET - VERSION 14134 ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000916 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                   DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SUNDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
↑ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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                          15:16:42
                           PAGE 145
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000917 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
```

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9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                      13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                                      21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                              DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                      13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apol1\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                           15:16:42
                           PAGE 146
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000918 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
                                         20 .0000E+00
                                                      21 .0000E+00
  17 .7200E+01 18 .0000E+00 19 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                      13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                                      21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
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6 .0000E+00 7 .0000E+00 8 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18
                   .0000E+00
                             19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
↑ *** AERMOD - VERSION 22112 ***
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San Marcos\Pacific\Pacific ***
                               09/29/23
*** AERMET - VERSION 14134 ***
                    ***
                             15:16:42
                             PAGE 147
                RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000919 ; SOURCE TYPE = VOLUME :
               HOUR
                             HOUR
                                   SCALAR
                                           HOUR SCALAR HOUR
 HOUR
       SCALAR
                     SCALAR
                                                               SCALAR
HOUR SCALAR HOUR SCALAR HOUR
                                 SCALAR
                                       DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                          13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00
                                            4 .0000E+00
                               3 .0000E+00
                                                         5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10
                   .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
                                                          21
                                                              .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                               3 .0000E+00
                                            4 .0000E+00
                                                           5 .0000E+00
 .0000E+00 7 .0000E+00
                           8 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 ***
                               *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000920 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
                                         20 .0000E+00
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                                      21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
                                        4 .0000E+00 5 .0000E+00
   1 .0000E+00 2 .0000E+00 3 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                      13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00
                                                      21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                      13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00
                                                      21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                           15:16:42
                           PAGE 149
              RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000921 ; SOURCE TYPE = VOLUME :
              HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR
                               SCALAR
                                     DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
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17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                      5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                          12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                          20 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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                            15:16:42
                            PAGE 150
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000922 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                      DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
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14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                            15:16:42
                            PAGE 151
               RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000923 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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                            15:16:42
                            PAGE 152
*** MODELOPTs:
               RegDFAULT CONC ELEV RURAL
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\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF

WEEK (HRDOW) \*

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SOURCE ID = L0000924 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR
                                  SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                      DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                       5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00
                                          4 .0000E+00
                                                       5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                            15:16:42
                            PAGE 153
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000925 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR
                     SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
     SCALAR HOUR SCALAR
                          HOUR SCALAR
                                      DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                          4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                           12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .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	=	4 .0000E+00			
	.0000E+00				
9 .0000E+00 10 .0000E+00	11 .0000E+00	12 .0000E+00	13 .0000E+00		
14 .0000E+00 15 .0000E+00 16	.0000E+00				
17 .0000E+00 18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00		
22 .0000E+00 23 .0000E+00 24	.0000E+00				
	DAY OF WEEK = SUNDAY				
1 .0000E+00 2 .0000E+00		4 .0000E+00	5 .0000E+00		
6 .0000E+00 7 .0000E+00 8					
9 .0000E+00 10 .0000E+00		12 .0000E+00	13 .0000E+00		
14 .0000E+00 15 .0000E+00 16		20 00005.00	21 00005.00		
17 .0000E+00 18 .0000E+00 22 .0000E+00 23 .0000E+00 24	19 .0000E+00 .0000E+00	20 .0000E+00	21 .0000E+00		
↑ *** AERMOD - VERSION 22112 ***		anoll\Deckton\H/	NPD2\HAPD\Dacific		
San Marcos\Pacific\Pacific ***		aport (Desktop (II)	ANTZ (HANT TRACTITE		
*** AERMET - VERSION 14134 ***					
	15:16:42				
•	13.10.12				
I	PAGE 154				
*** MODELOPTs: RegDFAULT CONC	ELEV RURAL				
Ü					
* SOURCE EMISSION	ON RATE SCALARS	WHICH VARY DIUR	RNALLY AND BY DAY OF		
WEEK (HRDOW) *					
SOURCE ID = L0000926 ; SOURCE		:			
	HOUR SCALAR	HOUR SCALAR	HOUR SCALAR		
HOUR SCALAR HOUR SCALAR HOU	JR SCALAR				
DAY OF LIFEY LIFEYDAY					
DAY OF WEEK = WEEKDAY					

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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 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                          12 .7200E+01
                                                        13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00
                            3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                          12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SUNDAY
                            3 .0000E+00 4 .0000E+00
   1 .0000E+00
               2 .0000E+00
                                                       5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                          12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                        21 .0000E+00
```

```
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                              09/29/23
*** AERMET - VERSION 14134 *** ***
                              15:16:42
                              PAGE 155
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                 * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000927
                     ; SOURCE TYPE = VOLUME
      SCALAR HOUR SCALAR
                             HOUR SCALAR HOUR SCALAR HOUR
                                                                SCALAR
HOUR
      SCALAR
              HOUR
                    SCALAR
                            HOUR
                                  SCALAR
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00
                               3 .0000E+00
                                             4 .0000E+00
                                                         5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                             12 .7200E+01
                                                           13 .7200E+01
   .7200E+01 15 .7200E+01 16 .7200E+01
                              19 .0000E+00
  17 .7200E+01 18 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SATURDAY
                                                          5 .0000E+00
   1 .0000E+00
                2 .0000E+00
                               3 .0000E+00 4 .0000E+00
 .0000E+00 7 .0000E+00
                         8 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                             12 .0000E+00
                                                           13 .0000E+00
14 .0000E+00 15 .0000E+00
                            16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00
                               3 .0000E+00
                                            4 .0000E+00
                                                            5 .0000E+00
 .0000E+00 7 .0000E+00
                            8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                             12 .0000E+00
                                                           13 .0000E+00
   .0000E+00 15 .0000E+00 16 .0000E+00
                                             20 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                           21 .0000E+00
              23 .0000E+00 24 .0000E+00
  .0000E+00
↑ *** AERMOD - VERSION 22112 ***
                               *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                09/29/23
                               ***
*** AERMET - VERSION 14134 ***
                              15:16:42
                              PAGE 156
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                 * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000928 ; SOURCE TYPE = VOLUME :
```

```
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
  9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                           DAY OF WEEK = SATURDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                             DAY OF WEEK = SUNDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                 ***
                         15:16:42
                         PAGE 157
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
              * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000929 : SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
  9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                            DAY OF WEEK = SATURDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
```

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

```
9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                                         21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
                                          4 .0000E+00
   1 .0000E+00 2 .0000E+00
                                                          5 .0000E+00
                              3 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                             15:16:42
                             PAGE 158
                RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000930 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR
                     SCALAR HOUR SCALAR
                                          HOUR SCALAR
                                                        HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                       DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                           12 .7200E+01
                                                         13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00 4 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                                         21 .0000E+00
  17 .0000E+00 18 .0000E+00
                             19 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
                2 .0000E+00
                              3 .0000E+00 4 .0000E+00
                                                          5 .0000E+00
   1 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                           20 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
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6 .0000E+00 7 .0000E+00 8 .0000E+00

San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* 15:16:42 **PAGE 159** \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0000931 ; SOURCE TYPE = VOLUME : SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .7200E+01 11 .7200E+01 12 .7200E+01 9 .7200E+01 10 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 5 .0000E+00 4 .0000E+00 7 .0000E+00 8 .0000E+00 .0000E+00 13 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 2 .0000E+00 3 .0000E+00 4 .0000E+00 1 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* \*\*\* 15:16:42

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

SOURCE ID = L0000932 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 20 .0000E+00 17 .7200E+01 18 .0000E+00 19 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 20 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* \*\*\* 15:16:42 PAGE 161 \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0000933 ; SOURCE TYPE = VOLUME : HOUR SCALAR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00

6 .0000E+00 7 .0000E+00 8 .0000E+00

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14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                         21 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00
                                                        5 .0000E+00
                2 .0000E+00 3 .0000E+00 4 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                             09/29/23
*** AERMET - VERSION 14134 *** ***
                             15:16:42
                             PAGE 162
                RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000934 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                         13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                           4 .0000E+00
                                                       5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                             19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
                                          4 .0000E+00
   1 .0000E+00
                2 .0000E+00
                              3 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                             19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific O9/29/23
*** AERMET - VERSION 14134 *** ***
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000935 ; SOURCE TYPE = VOLUME : HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 12 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

15:16:42

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000936 ; SOURCE TYPE = VOLUME : HOUR SCALAR HOUR SCALAR

```
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                            15:16:42
                            PAGE 165
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000937 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                       DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                  DAY OF WEEK = SATURDAY
```

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

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

13 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00

6 .0000E+00 7 .0000E+00 8 .0000E+00

14 .0000E+00 15 .0000E+00 16 .0000E+00

```
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00
                 2 .0000E+00
                               3 .0000E+00 4 .0000E+00
                                                         5 .0000E+00
 .0000E+00
            7 .0000E+00
                           8 .0000E+00
                10 .0000E+00
                              11 .0000E+00 12 .0000E+00
   9 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00
                           16 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
             23 .0000E+00
                           24 .0000E+00
  .0000E+00
↑ *** AERMOD - VERSION 22112 ***
                              *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                              09/29/23
*** AERMET - VERSION 14134 ***
                              ***
                    ***
                             15:16:42
                             PAGE 166
                RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000938 ; SOURCE TYPE = VOLUME :
       SCALAR
               HOUR SCALAR HOUR
                                   SCALAR HOUR SCALAR HOUR
                           HOUR SCALAR
HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00
                               3 .0000E+00 4 .0000E+00 5 .0000E+00
                         8 .7200E+01
 .0000E+00 7 .0000E+00
   9 .7200E+01
                10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                         13 .7200E+01
14 .7200E+01 15 .7200E+01
                           16 .7200E+01
  17 .7200E+01 18 .0000E+00
                            19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
   1 .0000E+00
                2 .0000E+00
                               3 .0000E+00
                                          4 .0000E+00
                                                          5 .0000E+00
 .0000E+00 7 .0000E+00
                           8 .0000E+00
                10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                         13 .0000E+00
   9 .0000E+00
  .0000E+00 15 .0000E+00 16 .0000E+00
                                            20 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00
                           24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                                                          5 .0000E+00
                               3 .0000E+00
                                            4 .0000E+00
 .0000E+00 7 .0000E+00
                           8 .0000E+00
                10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
   9 .0000E+00
                                                         13 .0000E+00
  .0000E+00 15 .0000E+00 16 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
  17 .0000E+00 18 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 ***
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                             15:16:42
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0000939 ; SOURCE TYPE = VOLUME : SCALAR HOUR SCALAR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 20 .0000E+00 21 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* \*\*\* 15:16:42 **PAGE 168** \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0000940 ; SOURCE TYPE = VOLUME : HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR SCALAR HOUR SCALAR HOUR SCALAR HOUR

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

DAY OF WEEK = WEEKDAY

```
6 .0000E+00 7 .0000E+00 8 .7200E+01
                                             12 .7200E+01
                                                           13 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
              15 .7200E+01 16 .7200E+01
14 .7200E+01
  17 .7200E+01 18 .0000E+00
                              19 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00
            23 .0000E+00
                            24 .0000E+00
                                        DAY OF WEEK = SATURDAY
                                             4 .0000E+00
   1 .0000E+00 2 .0000E+00
                                                          5
                               3 .0000E+00
                                                              .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
                10
                              11 .0000E+00
                                             12 .0000E+00
   9 .0000E+00
                   .0000E+00
                                                           13 .0000E+00
             15 .0000E+00
                            16 .0000E+00
14 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                             20 .0000E+00
                                                           21
                                                               .0000E+00
            23 .0000E+00
22 .0000E+00
                           24 .0000E+00
                                        DAY OF WEEK = SUNDAY
                2 .0000E+00
                               3 .0000E+00
                                             4 .0000E+00
   1 .0000E+00
                                                            5
                                                              .0000E+00
           7 .0000E+00
 .0000E+00
                            8 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                             12 .0000E+00
                                                           13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
↑ *** AERMOD - VERSION 22112 ***
                               *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
                              09/29/23
San Marcos\Pacific\Pacific ***
*** AERMET - VERSION 14134 *** ***
                              15:16:42
                              PAGE 169
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000941
                     ; SOURCE TYPE = VOLUME
       SCALAR HOUR
                             HOUR SCALAR HOUR SCALAR HOUR SCALAR
                      SCALAR
                            HOUR
HOUR
      SCALAR HOUR
                    SCALAR
                                  SCALAR
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                             4 .0000E+00
                                                         5 .0000E+00
             7 .0000E+00
                            8 .7200E+01
 .0000E+00
   9 .7200E+01 10 .7200E+01
                              11 .7200E+01
                                             12 .7200E+01
                                                           13 .7200E+01
14 .7200E+01 15 .7200E+01
                           16 .7200E+01
                                                           21 .0000E+00
  17 .7200E+01
                18 .0000E+00
                              19 .0000E+00
                                             20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SATURDAY
                                                          5 .0000E+00
                               3 .0000E+00 4 .0000E+00
   1 .0000E+00
                 2 .0000E+00
           7 .0000E+00
 .0000E+00
                            8 .0000E+00
                10
                              11 .0000E+00
                                             12 .0000E+00
   9 .0000E+00
                   .0000E+00
                                                           13 .0000E+00
              15 .0000E+00
                            16 .0000E+00
14 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SUNDAY
```

```
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00
                           8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                              19 .0000E+00
                18 .0000E+00
  17 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 ***
                               *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                               09/29/23
*** AERMET - VERSION 14134 ***
                             15:16:42
                             PAGE 170
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000942
                    ; SOURCE TYPE = VOLUME
               HOUR SCALAR
 HOUR SCALAR
                            HOUR SCALAR HOUR SCALAR HOUR
                                                               SCALAR
     SCALAR HOUR SCALAR HOUR
                                  SCALAR
HOUR
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                             4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00
                           8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                            12 .7200E+01
                                                          13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01
                18 .0000E+00
                             19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SATURDAY
                 2 .0000E+00
                               3 .0000E+00 4 .0000E+00
   1 .0000E+00
                                                         5 .0000E+00
 .0000E+00 7 .0000E+00
                            8 .0000E+00
   9 .0000E+00
                10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00
                            16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SUNDAY
                2 .0000E+00
   1 .0000E+00
                               3 .0000E+00
                                             4 .0000E+00
                                                           5
                                                              .0000E+00
 .0000E+00 7 .0000E+00
                            8 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
  17 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                              09/29/23
                             ***
*** AERMET - VERSION 14134 ***
                             15:16:42
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000943 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                      DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                          20 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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                            15:16:42
                            PAGE 172
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000944 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                     DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
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```
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                                        21 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
   1 .0000E+00
                2 .0000E+00
                             3 .0000E+00 4 .0000E+00
                                                       5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
                           24 .0000E+00
22 .0000E+00 23 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                                           4 .0000E+00
                              3 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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                            15:16:42
                            PAGE 173
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000945 ; SOURCE TYPE = VOLUME
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                       DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                           12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00
                             19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
                                          4 .0000E+00
   1 .0000E+00
                2 .0000E+00
                              3 .0000E+00
                                                       5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
                                           12 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00
                           24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00
                              3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
```

```
10 .0000E+00
   9 .0000E+00
                                 11 .0000E+00
                                                12 .0000E+00
                                                               13 .0000E+00
14 .0000E+00
              15 .0000E+00
                              16 .0000E+00
  17 .0000E+00
                 18
                                 19 .0000E+00
                                                20 .0000E+00
                                                               21 .0000E+00
                     .0000E+00
22 .0000E+00
               23 .0000E+00
                              24 .0000E+00
↑ *** AERMOD - VERSION 22112 ***
                                  *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                   09/29/23
 *** AERMET - VERSION 14134 ***
                                15:16:42
                                PAGE 174
 *** MODELOPTs:
                  RegDFAULT CONC ELEV RURAL
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
 SOURCE ID = L0000946
                       ; SOURCE TYPE = VOLUME
        SCALAR
                HOUR
                       SCALAR
                                HOUR
                                      SCALAR
                                               HOUR SCALAR
                                                              HOUR SCALAR
      SCALAR
              HOUR
HOUR
                     SCALAR
                              HOUR
                                    SCALAR
                                           DAY OF WEEK = WEEKDAY
   1 .0000E+00
                  2 .0000E+00
                                 3 .0000E+00
                                                4 .0000E+00
                                                                5
                                                                   .0000E+00
  .0000E+00
              7 .0000E+00
                              8 .7200E+01
   9 .7200E+01
                 10
                     .7200E+01
                                 11 .7200E+01
                                                12 .7200E+01
                                                               13 .7200E+01
14 .7200E+01
               15 .7200E+01
                              16 .7200E+01
  17 .7200E+01
                 18 .0000E+00
                                 19 .0000E+00
                                                20 .0000E+00
                                                               21 .0000E+00
                              24 .0000E+00
22 .0000E+00 23 .0000E+00
                                           DAY OF WEEK = SATURDAY
   1 .0000E+00
                  2 .0000E+00
                                  3 .0000E+00
                                                4 .0000E+00
                                                                5
                                                                   .0000E+00
  .0000E+00
               7 .0000E+00
                                .0000E+00
                 10 .0000E+00
                                                12 .0000E+00
                                                               13 .0000E+00
   9 .0000E+00
                                 11 .0000E+00
               15 .0000E+00
                              16 .0000E+00
14 .0000E+00
  17 .0000E+00
                 18
                     .0000E+00
                                 19
                                    .0000E+00
                                                               21
                                                20
                                                   .0000E+00
                                                                   .0000E+00
                                 .0000E+00
22 .0000E+00 23 .0000E+00
                              24
                                           DAY OF WEEK = SUNDAY
                                                4 .0000E+00
   1 .0000E+00
                  2 .0000E+00
                                  3 .0000E+00
                                                                5
                                                                   .0000E+00
              7 .0000E+00
  .0000E+00
                                .0000E+00
   9 .0000E+00
                  10
                     .0000E+00
                                 11 .0000E+00
                                                12 .0000E+00
                                                               13 .0000E+00
   .0000E+00
               15 .0000E+00
                              16 .0000E+00
  17 .0000E+00
                 18
                     .0000E+00
                                 19 .0000E+00
                                                20 .0000E+00
                                                               21 .0000E+00
               23 .0000E+00
22 .0000E+00
                              24 .0000E+00
↑ *** AERMOD - VERSION 22112 ***
                                  *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
                                  09/29/23
San Marcos\Pacific\Pacific ***
 *** AERMET - VERSION 14134 ***
                                 ***
                                15:16:42
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

<sup>\*</sup> SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF

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SOURCE ID = L0000947 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                     DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                         20 .0000E+00 21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                  ***
                           15:16:42
                            PAGE 176
*** MODELOPTs:
               RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000948 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                     DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
```

```
DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00
                            3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                     13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                                     21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                   DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                    5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                     13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
↑ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                  ***
                           15:16:42
                           PAGE 177
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000949 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                     13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00
                                       4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                        12 .0000E+00
                                                     13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21
                                                        .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SUNDAY
   1 .0000E+00
               2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   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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22 .0000E+00 23 .0000E+00 24 .0000E+00

```
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                            15:16:42
                            PAGE 178
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000950 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                  DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                         5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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                            15:16:42
                            PAGE 179
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
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SOURCE ID = L0000951 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                            15:16:42
                            PAGE 180
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000952 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .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
                                                       21 .0000E+00
                                          20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                             3 .0000E+00 4 .0000E+00
                                                      5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 ***
                            15:16:42
                            PAGE 181
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000953 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                         4 .0000E+00
                                                      5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
                                          12 .0000E+00
                                                       13 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .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 22112 *** *** C:\Users\apol1\Desktop\HARP2\HARP\Pacific
                              09/29/23
San Marcos\Pacific\Pacific ***
 *** AERMET - VERSION 14134 ***
                    ***
                              15:16:42
                              PAGE 182
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                 * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000954 ; SOURCE TYPE = VOLUME :
       SCALAR
               HOUR
                      SCALAR HOUR
                                    SCALAR
                                            HOUR SCALAR HOUR
                                                                SCALAR
     SCALAR HOUR SCALAR HOUR
                                  SCALAR
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00
                2 .0000E+00
                               3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00
                            8 .7200E+01
   9 .7200E+01
                10 .7200E+01
                               11 .7200E+01
                                             12 .7200E+01
                                                           13 .7200E+01
14 .7200E+01
              15 .7200E+01
                            16 .7200E+01
  17 .7200E+01 18 .0000E+00
                               19 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00
                                              4 .0000E+00
                               3 .0000E+00
                                                            5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00
                10
                   .0000E+00
                               11 .0000E+00
                                             12 .0000E+00
                                                           13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00
                18 .0000E+00
                               19 .0000E+00
                                             20 .0000E+00
                                                           21
                                                               .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00
                               3 .0000E+00 4 .0000E+00
                                                            5
                                                               .0000E+00
 .0000E+00
            7 .0000E+00
                            8 .0000E+00
   9 .0000E+00 10 .0000E+00
                               11 .0000E+00
                                             12 .0000E+00
                                                           13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                               19 .0000E+00
  17 .0000E+00 18 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
                            24 .0000E+00
22 .0000E+00
              23 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                09/29/23
*** AERMET - VERSION 14134 *** ***
                    ***
                              15:16:42
                              PAGE 183
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                 * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000955
                      ; SOURCE TYPE = VOLUME
                                             :
 HOUR SCALAR HOUR
                      SCALAR HOUR
                                    SCALAR
                                            HOUR SCALAR
                                                          HOUR
                                                                SCALAR
```

DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 20 .0000E+00 17 .7200E+01 18 .0000E+00 19 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 21 .0000E+00 20 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ↑ \*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* \*\*\* 15:16:42 **PAGE 184** \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0000956 ; SOURCE TYPE = VOLUME : HOUR SCALAR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 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
                                                            .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
                             09/29/23
San Marcos\Pacific\Pacific ***
*** AERMET - VERSION 14134 *** ***
                             15:16:42
                             PAGE 185
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000957 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR
                                 SCALAR
                                       DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                          4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                         13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                                         21 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00 4 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00
                10 .0000E+00
                             11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00
                           16 .0000E+00
                                                         21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00
                                          4 .0000E+00
                                                            .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                           20 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
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                             15:16:42
                             PAGE 186
                RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000958 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                       DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
                2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
   1 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00 4 .0000E+00
                                                          5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                             15:16:42
                             PAGE 187
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000959 ; SOURCE TYPE = VOLUME
 HOUR SCALAR HOUR
                     SCALAR HOUR SCALAR
                                          HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
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\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 20 .0000E+00 21 .0000E+00 17 .7200E+01 18 .0000E+00 19 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 4 .0000E+00 1 .0000E+00 2 .0000E+00 3 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* 15:16:42 **PAGE 188** \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0000960 ; SOURCE TYPE = VOLUME : HOUR SCALAR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .7200E+01 12 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 20 .0000E+00 17 .7200E+01 18 .0000E+00 19 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 4 .0000E+00 5 .0000E+00 2 .0000E+00 3 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 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
                2 .0000E+00
   1 .0000E+00
                               3 .0000E+00
                                           4 .0000E+00
                                                          5 .0000E+00
           7 .0000E+00 8 .0000E+00
 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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                             15:16:42
                             PAGE 189
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000961 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR
                     SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
      SCALAR HOUR
HOUR
                   SCALAR
                           HOUR
                                 SCALAR
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01
                10 .7200E+01
                              11 .7200E+01
                                            12 .7200E+01
                                                          13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01
                18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SATURDAY
   1 .0000E+00
                 2 .0000E+00
                               3 .0000E+00
                                           4 .0000E+00
                                                         5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
                           16 .0000E+00
14 .0000E+00 15 .0000E+00
                18 .0000E+00
                              19 .0000E+00
  17 .0000E+00
                                            20 .0000E+00
                                                          21
                                                              .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SUNDAY
                               3 .0000E+00 4 .0000E+00
   1 .0000E+00
                 2 .0000E+00
                                                           5 .0000E+00
           7 .0000E+00
 .0000E+00
                           8 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00
                           16 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00
                           24 .0000E+00
★ *** AERMOD - VERSION 22112 ***
                               *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                              09/29/23
*** AERMET - VERSION 14134 ***
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PAGE 190 \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0000962 ; SOURCE TYPE = VOLUME : HOUR SCALAR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* 15:16:42 PAGE 191 \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0000963; SOURCE TYPE = VOLUME

HOUR SCALAR HOUR SCALAR

HOUR

HOUR

SCALAR

HOUR

SCALAR

SCALAR

HOUR SCALAR HOUR SCALAR

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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 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                        12 .7200E+01
                                                     13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                                     21 .0000E+00
                                        20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                    5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                     13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                      5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                     13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                           15:16:42
                           PAGE 192
*** MODELOPTs:
               RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000964 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
 DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                       4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                        12 .0000E+00
                                                     13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .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
 .0000E+00 7 .0000E+00 8 .0000E+00
                                                         13 .0000E+00
   9 .0000E+00 10 .0000E+00
                             11 .0000E+00 12 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apol1\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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                             15:16:42
                             PAGE 193
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000965 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                          HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                       DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                         13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
                             19 .0000E+00
  17 .7200E+01 18 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                             19 .0000E+00
                                                         21 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00
                              3 .0000E+00 4 .0000E+00
                                                          5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00
                             11 .0000E+00 12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                             19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
                             09/29/23
San Marcos\Pacific\Pacific ***
*** AERMET - VERSION 14134 ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000966 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                   DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SUNDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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                           15:16:42
                           PAGE 195
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000967 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
```

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9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                      13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                                      21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                              DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                      13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apol1\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                           15:16:42
                           PAGE 196
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000968 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
                                         20 .0000E+00
                                                      21 .0000E+00
  17 .7200E+01 18 .0000E+00 19 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                      13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                                      21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
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6 .0000E+00 7 .0000E+00 8 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18
                   .0000E+00
                             19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
↑ *** AERMOD - VERSION 22112 ***
                               *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                               09/29/23
*** AERMET - VERSION 14134 ***
                    ***
                             15:16:42
                             PAGE 197
                RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000969 ; SOURCE TYPE = VOLUME :
               HOUR
                             HOUR
                                   SCALAR
                                           HOUR SCALAR HOUR
 HOUR
       SCALAR
                     SCALAR
                                                               SCALAR
HOUR SCALAR HOUR SCALAR HOUR
                                 SCALAR
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                          13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00
                                            4 .0000E+00
                               3 .0000E+00
                                                         5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10
                   .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
                                                          21
                                                              .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00
                               3 .0000E+00
                                            4 .0000E+00
                                                           5 .0000E+00
 .0000E+00 7 .0000E+00
                           8 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 ***
                               *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
                             09/29/23
San Marcos\Pacific\Pacific ***
*** AERMET - VERSION 14134 *** ***
                    ***
                             15:16:42
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

```
* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000970 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
                                         20 .0000E+00
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                                      21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
                                        4 .0000E+00 5 .0000E+00
   1 .0000E+00 2 .0000E+00 3 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                      13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00
                                                      21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                      13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00
                                                      21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                           15:16:42
                           PAGE 199
              RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000971 ; SOURCE TYPE = VOLUME :
              HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR
                               SCALAR
                                     DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
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17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                      5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                          12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                          20 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                            15:16:42
                            PAGE 200
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000972 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                      DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
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14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                            15:16:42
                            PAGE 201
               RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000973 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                            15:16:42
                            PAGE 202
*** MODELOPTs:
               RegDFAULT CONC ELEV RURAL
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\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF

WEEK (HRDOW) \*

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SOURCE ID = L0000974 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR
                                  SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                      DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                       5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00
                                          4 .0000E+00
                                                       5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                          12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                            15:16:42
                            PAGE 203
*** MODELOPTs:
               RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000975 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
     SCALAR HOUR SCALAR
                          HOUR SCALAR
                                      DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                         4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
                                          12 .7200E+01 13 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .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
```

			DAI	OI WEEK - SAION	DAI	
	1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5	.0000E+00
6	.0000E+00 7	.0000E+00 8	.0000E+00			
	9 .0000E+00	10 .0000E+00	11 .0000E+00	12 .0000E+00	13	.0000E+00
14	.0000E+00 15	.0000E+00 16	.0000E+00			
	17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21	.0000E+00
22	.0000E+00 23	.0000E+00 24	.0000E+00			
			DAY	OF WEEK = SUNDA	·Υ	
	1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5	.0000E+00
6	.0000E+00 7	.0000E+00 8	.0000E+00			
	9 .0000E+00	10 .0000E+00	11 .0000E+00	12 .0000E+00	13	.0000E+00
14	.0000E+00 15	.0000E+00 16	.0000E+00			
	17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21	.0000E+00
22	.0000E+00 23	.0000E+00 24	.0000E+00			
<b>^</b>	*** AERMOD - VEF	RSION 22112 ***	*** C:\Users\	\apoll\Desktop\HA	ARP2\H	ARP\Pacific
Sai	n Marcos\Pacific	:\Pacific ***	09/29/23			
*:	** AERMET - VERS	SION 14134 ***	***			
		***	15:16:42			

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

SOURCE ID = L0000976 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

-----

_			
-			
			DAY OF WEEK = WEEKDAY
	1 .0000E+00	2 .0000E+00	3 .0000E+00 4 .0000E+00 5 .0000E+00
6	.0000E+00 7	.0000E+00 8	.7200E+01
	9 .7200E+01	10 .7200E+01	11 .7200E+01 12 .7200E+01 13 .7200E+01
14	.7200E+01 15	.7200E+01 16	.7200E+01
	17 .7200E+01	18 .0000E+00	19 .0000E+00 20 .0000E+00 21 .0000E+00
22	.0000E+00 23	.0000E+00 24	.0000E+00
			DAY OF WEEK = SATURDAY
	1 .0000E+00	2 .0000E+00	3 .0000E+00 4 .0000E+00 5 .0000E+00
6	.0000E+00 7	.0000E+00 8	.0000E+00
	9 .0000E+00	10 .0000E+00	11 .0000E+00 12 .0000E+00 13 .0000E+00
14	.0000E+00 15	.0000E+00 16	.0000E+00
	17 .0000E+00	18 .0000E+00	19 .0000E+00 20 .0000E+00 21 .0000E+00
22	.0000E+00 23	.0000E+00 24	.0000E+00
			DAY OF WEEK = SUNDAY
	1 .0000E+00	2 .0000E+00	3 .0000E+00 4 .0000E+00 5 .0000E+00
6	.0000E+00 7	.0000E+00 8	.0000E+00
	9 .0000E+00	10 .0000E+00	11 .0000E+00 12 .0000E+00 13 .0000E+00
14	.0000E+00 15	.0000E+00 16	.0000E+00
	17 .0000E+00	18 .0000E+00	19 .0000E+00 20 .0000E+00 21 .0000E+00

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22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                              09/29/23
*** AERMET - VERSION 14134 *** ***
                              15:16:42
                              PAGE 205
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000977
                     ; SOURCE TYPE = VOLUME
      SCALAR
               HOUR SCALAR
                            HOUR SCALAR HOUR SCALAR HOUR
                                                                SCALAR
HOUR
      SCALAR
             HOUR
                    SCALAR
                            HOUR
                                  SCALAR
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00
                               3 .0000E+00
                                             4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                             12 .7200E+01
                                                           13 .7200E+01
  .7200E+01 15 .7200E+01 16 .7200E+01
                              19 .0000E+00
  17 .7200E+01 18 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SATURDAY
                                                          5 .0000E+00
   1 .0000E+00
                2 .0000E+00
                               3 .0000E+00 4 .0000E+00
 .0000E+00 7 .0000E+00
                         8 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                             12 .0000E+00
                                                           13 .0000E+00
14 .0000E+00 15 .0000E+00
                            16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00
                               3 .0000E+00
                                           4 .0000E+00
                                                            5 .0000E+00
 .0000E+00 7 .0000E+00
                            8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                           13 .0000E+00
  .0000E+00 15 .0000E+00 16 .0000E+00
                                             20 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                           21 .0000E+00
              23 .0000E+00 24 .0000E+00
  .0000E+00
↑ *** AERMOD - VERSION 22112 ***
                              *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                               09/29/23
                              ***
*** AERMET - VERSION 14134 ***
                              15:16:42
                              PAGE 206
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000978 ; SOURCE TYPE = VOLUME :
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HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
  9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                           DAY OF WEEK = SATURDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                             DAY OF WEEK = SUNDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                 ***
                         15:16:42
                         PAGE 207
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
              * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000979 : SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
  9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                            DAY OF WEEK = SATURDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
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HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

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6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                                         21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
                                          4 .0000E+00
   1 .0000E+00 2 .0000E+00
                                                          5 .0000E+00
                              3 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                             15:16:42
                             PAGE 208
                RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000980 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR
                     SCALAR HOUR SCALAR
                                          HOUR SCALAR
                                                        HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                       DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                           12 .7200E+01
                                                         13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00 4 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                                         21 .0000E+00
  17 .0000E+00 18 .0000E+00
                             19 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
                2 .0000E+00
                              3 .0000E+00 4 .0000E+00
                                                          5 .0000E+00
   1 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                           20 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
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San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* 15:16:42 PAGE 209 \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0000981 ; SOURCE TYPE = VOLUME : SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .7200E+01 11 .7200E+01 12 .7200E+01 9 .7200E+01 10 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 5 .0000E+00 4 .0000E+00 7 .0000E+00 8 .0000E+00 .0000E+00 13 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 2 .0000E+00 3 .0000E+00 4 .0000E+00 1 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* \*\*\* 15:16:42

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

SOURCE ID = L0000982 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 20 .0000E+00 17 .7200E+01 18 .0000E+00 19 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 20 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* \*\*\* 15:16:42 PAGE 211 \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0000983 ; SOURCE TYPE = VOLUME : HOUR SCALAR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00

6 .0000E+00 7 .0000E+00 8 .0000E+00

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14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                         21 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                             09/29/23
*** AERMET - VERSION 14134 *** ***
                             15:16:42
                            PAGE 212
                RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000984 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                         13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00
                                           4 .0000E+00
                                                       5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                             19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
                                          4 .0000E+00
   1 .0000E+00
                2 .0000E+00
                              3 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                             19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
             23 .0000E+00 24 .0000E+00
22 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific O9/29/23
*** AERMET - VERSION 14134 *** ***
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000985 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

-----

DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 12 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

15:16:42

PAGE 214

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000986 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

```
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                            15:16:42
                            PAGE 215
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000987 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                      DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                 DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
```

6 .0000E+00 7 .0000E+00 8 .0000E+00

14 .0000E+00 15 .0000E+00 16 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

13 .0000E+00

```
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00
                 2 .0000E+00
                               3 .0000E+00 4 .0000E+00
                                                         5 .0000E+00
 .0000E+00
            7 .0000E+00
                           8 .0000E+00
                10 .0000E+00
                              11 .0000E+00 12 .0000E+00
   9 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00
                           16 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
             23 .0000E+00
                           24 .0000E+00
  .0000E+00
↑ *** AERMOD - VERSION 22112 ***
                              *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                              09/29/23
*** AERMET - VERSION 14134 ***
                              ***
                    ***
                             15:16:42
                             PAGE 216
                RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000988 ; SOURCE TYPE = VOLUME :
       SCALAR
               HOUR SCALAR HOUR
                                   SCALAR HOUR SCALAR HOUR
                           HOUR SCALAR
HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00
                               3 .0000E+00 4 .0000E+00 5 .0000E+00
                         8 .7200E+01
 .0000E+00 7 .0000E+00
   9 .7200E+01
                10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                         13 .7200E+01
14 .7200E+01 15 .7200E+01
                           16 .7200E+01
  17 .7200E+01 18 .0000E+00
                            19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
   1 .0000E+00
                2 .0000E+00
                               3 .0000E+00
                                          4 .0000E+00
                                                          5 .0000E+00
 .0000E+00 7 .0000E+00
                           8 .0000E+00
                10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                         13 .0000E+00
   9 .0000E+00
  .0000E+00 15 .0000E+00 16 .0000E+00
                                            20 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00
                           24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                                                          5 .0000E+00
                               3 .0000E+00
                                            4 .0000E+00
 .0000E+00 7 .0000E+00
                           8 .0000E+00
                10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
   9 .0000E+00
                                                         13 .0000E+00
  .0000E+00 15 .0000E+00 16 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
  17 .0000E+00 18 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 ***
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                             15:16:42
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0000989 ; SOURCE TYPE = VOLUME : SCALAR HOUR SCALAR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 20 .0000E+00 21 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* \*\*\* 15:16:42 **PAGE 218** \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0000990 ; SOURCE TYPE = VOLUME : HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR SCALAR HOUR SCALAR HOUR SCALAR HOUR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00

```
6 .0000E+00 7 .0000E+00 8 .7200E+01
                                            12 .7200E+01
                                                           13 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
              15 .7200E+01 16 .7200E+01
14 .7200E+01
  17 .7200E+01 18 .0000E+00
                              19 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00
            23 .0000E+00
                            24 .0000E+00
                                        DAY OF WEEK = SATURDAY
                                             4 .0000E+00
   1 .0000E+00 2 .0000E+00
                                                          5
                               3 .0000E+00
                                                              .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
                10
                              11 .0000E+00
                                             12 .0000E+00
   9 .0000E+00
                   .0000E+00
                                                           13 .0000E+00
             15 .0000E+00
                            16 .0000E+00
14 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                             20 .0000E+00
                                                           21
                                                              .0000E+00
22 .0000E+00 23 .0000E+00
                          24 .0000E+00
                                        DAY OF WEEK = SUNDAY
                2 .0000E+00
                               3 .0000E+00
                                             4 .0000E+00
   1 .0000E+00
                                                            5
                                                              .0000E+00
           7 .0000E+00
 .0000E+00
                            8 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                             12 .0000E+00
                                                           13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
↑ *** AERMOD - VERSION 22112 ***
                               *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
                              09/29/23
San Marcos\Pacific\Pacific ***
*** AERMET - VERSION 14134 *** ***
                              15:16:42
                              PAGE 219
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000991
                    ; SOURCE TYPE = VOLUME
       SCALAR HOUR
                             HOUR SCALAR HOUR SCALAR HOUR SCALAR
                     SCALAR
                            HOUR
HOUR
      SCALAR HOUR
                    SCALAR
                                  SCALAR
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                             4 .0000E+00
                                                         5 .0000E+00
             7 .0000E+00
                          8 .7200E+01
 .0000E+00
   9 .7200E+01 10 .7200E+01
                              11 .7200E+01
                                            12 .7200E+01
                                                           13 .7200E+01
14 .7200E+01 15 .7200E+01
                          16 .7200E+01
                                                           21 .0000E+00
  17 .7200E+01
                18 .0000E+00
                              19 .0000E+00
                                             20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SATURDAY
                                                         5 .0000E+00
                               3 .0000E+00 4 .0000E+00
   1 .0000E+00
                 2 .0000E+00
           7 .0000E+00
 .0000E+00
                            8 .0000E+00
                10
                              11 .0000E+00
                                            12 .0000E+00
   9 .0000E+00
                   .0000E+00
                                                           13 .0000E+00
              15 .0000E+00
                            16 .0000E+00
14 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SUNDAY
```

```
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00
                           8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                              19 .0000E+00
                18 .0000E+00
  17 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 ***
                               *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                               09/29/23
*** AERMET - VERSION 14134 ***
                             15:16:42
                             PAGE 220
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000992
                    ; SOURCE TYPE = VOLUME
               HOUR SCALAR
 HOUR SCALAR
                            HOUR SCALAR HOUR SCALAR HOUR
                                                               SCALAR
     SCALAR HOUR
                   SCALAR HOUR
                                  SCALAR
HOUR
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                            4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00
                           8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                            12 .7200E+01
                                                          13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01
                18 .0000E+00 19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SATURDAY
                2 .0000E+00
                               3 .0000E+00 4 .0000E+00
   1 .0000E+00
                                                         5 .0000E+00
 .0000E+00 7 .0000E+00
                           8 .0000E+00
   9 .0000E+00
                10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00
                           16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                               3 .0000E+00
                                            4 .0000E+00
                                                           5
                                                              .0000E+00
 .0000E+00 7 .0000E+00
                           8 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
  17 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                              09/29/23
                             ***
*** AERMET - VERSION 14134 ***
                             15:16:42
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

```
* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000993 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                      DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                          20 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                            15:16:42
                            PAGE 222
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000994 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                     DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
```

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14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                                        21 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
   1 .0000E+00
                2 .0000E+00
                             3 .0000E+00 4 .0000E+00
                                                       5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
                           24 .0000E+00
22 .0000E+00 23 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                                           4 .0000E+00
                              3 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                            15:16:42
                            PAGE 223
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000995 ; SOURCE TYPE = VOLUME
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                       DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                           12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00
                             19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
                                          4 .0000E+00
   1 .0000E+00
                2 .0000E+00
                              3 .0000E+00
                                                       5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
                                           12 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00
                           24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00
                              3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
```

```
10 .0000E+00
   9 .0000E+00
                                 11 .0000E+00
                                                12 .0000E+00
                                                               13 .0000E+00
14 .0000E+00
              15 .0000E+00
                              16 .0000E+00
  17 .0000E+00
                 18
                                 19 .0000E+00
                                                20 .0000E+00
                                                               21 .0000E+00
                     .0000E+00
22 .0000E+00
               23 .0000E+00
                              24 .0000E+00
↑ *** AERMOD - VERSION 22112 ***
                                  *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                   09/29/23
 *** AERMET - VERSION 14134 ***
                                15:16:42
                                PAGE 224
 *** MODELOPTs:
                  RegDFAULT CONC ELEV RURAL
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
 SOURCE ID = L0000996
                       ; SOURCE TYPE = VOLUME
        SCALAR
                HOUR
                       SCALAR
                                HOUR
                                      SCALAR
                                               HOUR SCALAR
                                                              HOUR SCALAR
      SCALAR
              HOUR
HOUR
                     SCALAR
                              HOUR
                                    SCALAR
                                           DAY OF WEEK = WEEKDAY
   1 .0000E+00
                  2 .0000E+00
                                 3 .0000E+00
                                                4 .0000E+00
                                                                5
                                                                   .0000E+00
  .0000E+00
              7 .0000E+00
                              8 .7200E+01
   9 .7200E+01
                 10
                     .7200E+01
                                 11 .7200E+01
                                                12 .7200E+01
                                                               13 .7200E+01
14 .7200E+01
               15 .7200E+01
                              16 .7200E+01
  17 .7200E+01
                 18 .0000E+00
                                 19 .0000E+00
                                                20 .0000E+00
                                                               21 .0000E+00
                              24 .0000E+00
22 .0000E+00 23 .0000E+00
                                           DAY OF WEEK = SATURDAY
   1 .0000E+00
                  2 .0000E+00
                                  3 .0000E+00
                                                4 .0000E+00
                                                                5
                                                                   .0000E+00
  .0000E+00
               7 .0000E+00
                                .0000E+00
                 10 .0000E+00
                                                12 .0000E+00
                                                               13 .0000E+00
   9 .0000E+00
                                 11 .0000E+00
               15 .0000E+00
                              16 .0000E+00
14 .0000E+00
  17 .0000E+00
                 18
                     .0000E+00
                                 19
                                    .0000E+00
                                                               21
                                                20 .0000E+00
                                                                   .0000E+00
                                 .0000E+00
22 .0000E+00 23 .0000E+00
                              24
                                           DAY OF WEEK = SUNDAY
                                                4 .0000E+00
   1 .0000E+00
                  2 .0000E+00
                                  3 .0000E+00
                                                                5
                                                                   .0000E+00
              7 .0000E+00
  .0000E+00
                                .0000E+00
   9 .0000E+00
                 10
                     .0000E+00
                                 11 .0000E+00
                                                12 .0000E+00
                                                               13 .0000E+00
   .0000E+00
               15 .0000E+00
                              16 .0000E+00
  17 .0000E+00
                 18
                     .0000E+00
                                 19 .0000E+00
                                                20 .0000E+00
                                                               21 .0000E+00
               23 .0000E+00
22 .0000E+00
                              24 .0000E+00
↑ *** AERMOD - VERSION 22112 ***
                                  *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
                                  09/29/23
San Marcos\Pacific\Pacific ***
 *** AERMET - VERSION 14134 ***
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                                15:16:42
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

<sup>\*</sup> SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF

```
SOURCE ID = L0000997 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                     DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                         20 .0000E+00 21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                  ***
                           15:16:42
                            PAGE 226
*** MODELOPTs:
               RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000998 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                     DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .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
                                                     21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                   DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                    5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                     13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
↑ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                  ***
                           15:16:42
                           PAGE 227
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0000999 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                     13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00
                                       4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                        12 .0000E+00
                                                     13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21
                                                        .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SUNDAY
   1 .0000E+00
               2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   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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22 .0000E+00 23 .0000E+00 24 .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 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                  ***
                           15:16:42
                           PAGE 228
*** MODELOPTs:
               RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001000 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
 DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00
                                                      21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                         12 .0000E+00
                                                      13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00
                                                      21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                       5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                      13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00
                                                      21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                  ***
                           15:16:42
                           PAGE 229
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
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SOURCE ID = L0001001 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                            15:16:42
                            PAGE 230
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001002 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .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
                                                       21 .0000E+00
                                          20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                             3 .0000E+00 4 .0000E+00
                                                      5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 ***
                            15:16:42
                            PAGE 231
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001003 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                      5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                          4 .0000E+00
                                                      5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
                                          12 .0000E+00
                                                       13 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .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 22112 *** *** C:\Users\apol1\Desktop\HARP2\HARP\Pacific
                              09/29/23
San Marcos\Pacific\Pacific ***
 *** AERMET - VERSION 14134 ***
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                              15:16:42
                              PAGE 232
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                 * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001004 ; SOURCE TYPE = VOLUME :
       SCALAR
               HOUR
                      SCALAR HOUR
                                    SCALAR
                                            HOUR
                                                  SCALAR HOUR
                                                                 SCALAR
     SCALAR HOUR SCALAR HOUR
                                  SCALAR
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00
                2 .0000E+00
                                3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00
                            8 .7200E+01
   9 .7200E+01
                10 .7200E+01
                               11 .7200E+01
                                             12 .7200E+01
                                                           13 .7200E+01
14 .7200E+01
              15 .7200E+01
                            16 .7200E+01
  17 .7200E+01 18 .0000E+00
                               19 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00
                                              4 .0000E+00
                                3 .0000E+00
                                                            5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00
                10
                   .0000E+00
                               11 .0000E+00
                                             12 .0000E+00
                                                           13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00
                18 .0000E+00
                               19 .0000E+00
                                             20 .0000E+00
                                                           21
                                                               .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00
                                3 .0000E+00 4 .0000E+00
                                                            5
                                                               .0000E+00
 .0000E+00
            7 .0000E+00
                            8 .0000E+00
   9 .0000E+00 10 .0000E+00
                               11 .0000E+00
                                             12 .0000E+00
                                                           13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                               19 .0000E+00
  17 .0000E+00
                18 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
                            24 .0000E+00
22 .0000E+00
              23 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                09/29/23
*** AERMET - VERSION 14134 *** ***
                    ***
                              15:16:42
                              PAGE 233
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                 * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001005
                      ; SOURCE TYPE = VOLUME
                                             :
 HOUR SCALAR HOUR
                      SCALAR HOUR
                                    SCALAR
                                            HOUR SCALAR
                                                          HOUR
                                                                SCALAR
```

DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 21 .0000E+00 20 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ↑ \*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* \*\*\* 15:16:42 PAGE 234 \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0001006 ; SOURCE TYPE = VOLUME : HOUR SCALAR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 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
                                                            .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
                             09/29/23
San Marcos\Pacific\Pacific ***
*** AERMET - VERSION 14134 *** ***
                             15:16:42
                             PAGE 235
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001007 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR
                                 SCALAR
                                       DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                          4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                         13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                                         21 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00 4 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00
                10 .0000E+00
                             11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00
                           16 .0000E+00
                                                         21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00
                                          4 .0000E+00
                                                            .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                           20 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
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                             15:16:42
                             PAGE 236
                RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001008 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                       DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
                2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
   1 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00 4 .0000E+00
                                                          5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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                             15:16:42
                             PAGE 237
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001009
                    ; SOURCE TYPE = VOLUME
 HOUR SCALAR HOUR
                     SCALAR HOUR SCALAR
                                          HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
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\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 20 .0000E+00 21 .0000E+00 17 .7200E+01 18 .0000E+00 19 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* 15:16:42 PAGE 238 \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0001010 ; SOURCE TYPE = VOLUME : HOUR SCALAR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .7200E+01 12 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 20 .0000E+00 17 .7200E+01 18 .0000E+00 19 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 4 .0000E+00 5 .0000E+00 2 .0000E+00 3 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 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
                2 .0000E+00
   1 .0000E+00
                               3 .0000E+00
                                           4 .0000E+00
                                                          5 .0000E+00
           7 .0000E+00 8 .0000E+00
 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                    ***
                             15:16:42
                             PAGE 239
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001011 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR
                     SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
      SCALAR HOUR
HOUR
                   SCALAR
                           HOUR
                                 SCALAR
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01
                10 .7200E+01
                              11 .7200E+01
                                            12 .7200E+01
                                                          13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01
                18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SATURDAY
   1 .0000E+00
                 2 .0000E+00
                               3 .0000E+00
                                           4 .0000E+00
                                                         5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
                           16 .0000E+00
14 .0000E+00 15 .0000E+00
                18 .0000E+00
                              19 .0000E+00
  17 .0000E+00
                                            20 .0000E+00
                                                          21
                                                              .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SUNDAY
                               3 .0000E+00 4 .0000E+00
   1 .0000E+00
                 2 .0000E+00
                                                           5 .0000E+00
           7 .0000E+00
 .0000E+00
                           8 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00
                           16 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00
                           24 .0000E+00
★ *** AERMOD - VERSION 22112 ***
                               *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                              09/29/23
*** AERMET - VERSION 14134 ***
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15:16:42

PAGE 240 \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0001012 ; SOURCE TYPE = VOLUME : HOUR SCALAR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* 15:16:42 PAGE 241 \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0001013 ; SOURCE TYPE = VOLUME

SCALAR

SCALAR

HOUR

SCALAR

SCALAR HOUR

HOUR

SCALAR

SCALAR

HOUR

HOUR

DAY OF WEEK = WEEKDAY

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 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                        12 .7200E+01
                                                     13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                                     21 .0000E+00
                                        20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                    5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                     13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                      5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                     13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                           15:16:42
                           PAGE 242
*** MODELOPTs:
               RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001014 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
 DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                       4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                        12 .0000E+00
                                                     13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .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
 .0000E+00 7 .0000E+00 8 .0000E+00
                                                         13 .0000E+00
   9 .0000E+00 10 .0000E+00
                             11 .0000E+00 12 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apol1\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                             15:16:42
                             PAGE 243
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001015 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                          HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                       DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                         13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
                             19 .0000E+00
  17 .7200E+01 18 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                             19 .0000E+00
                                                         21 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00
                              3 .0000E+00 4 .0000E+00
                                                          5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00
                             11 .0000E+00 12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                             19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
                             09/29/23
San Marcos\Pacific\Pacific ***
*** AERMET - VERSION 14134 ***
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                             15:16:42
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001016 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                   DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SUNDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
↑ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                  ***
                          15:16:42
                           PAGE 245
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001017 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
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9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                      13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                                      21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                              DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                      13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apol1\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                           15:16:42
                           PAGE 246
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001018 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
                                         20 .0000E+00
                                                      21 .0000E+00
  17 .7200E+01 18 .0000E+00 19 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                      13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                                      21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
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6 .0000E+00 7 .0000E+00 8 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18
                   .0000E+00
                             19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
↑ *** AERMOD - VERSION 22112 ***
                               *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                               09/29/23
*** AERMET - VERSION 14134 ***
                    ***
                             15:16:42
                             PAGE 247
                RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001019 ; SOURCE TYPE = VOLUME :
               HOUR
                             HOUR
                                   SCALAR
                                           HOUR SCALAR HOUR
 HOUR
       SCALAR
                     SCALAR
                                                               SCALAR
HOUR SCALAR HOUR SCALAR HOUR
                                 SCALAR
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                          13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00
                                            4 .0000E+00
                               3 .0000E+00
                                                         5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10
                   .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
                                                          21
                                                              .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00
                               3 .0000E+00
                                            4 .0000E+00
                                                           5 .0000E+00
 .0000E+00 7 .0000E+00
                           8 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 ***
                               *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
                             09/29/23
San Marcos\Pacific\Pacific ***
*** AERMET - VERSION 14134 *** ***
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                             15:16:42
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001020 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
                                         20 .0000E+00
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                                      21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
                                        4 .0000E+00 5 .0000E+00
   1 .0000E+00 2 .0000E+00 3 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                      13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00
                                                      21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                      13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00
                                                      21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                           15:16:42
                           PAGE 249
              RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001021 ; SOURCE TYPE = VOLUME :
              HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR
                               SCALAR
                                     DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
```

```
17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                      5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                          12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                          20 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                            15:16:42
                            PAGE 250
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001022 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                      DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
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14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                            15:16:42
                            PAGE 251
               RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001023 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                            15:16:42
                            PAGE 252
*** MODELOPTs:
               RegDFAULT CONC ELEV RURAL
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\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF

WEEK (HRDOW) \*

```
SOURCE ID = L0001024 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR
                                  SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                      DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                       5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00
                                          4 .0000E+00
                                                       5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                            15:16:42
                            PAGE 253
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001025 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR
                     SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
     SCALAR HOUR SCALAR
                          HOUR SCALAR
                                      DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                          4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                           12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .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
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			D/ (1	OI WEEK SATION	J/ 1 1	
	1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5	.0000E+00
6	.0000E+00 7	.0000E+00 8	.0000E+00			
	9 .0000E+00	10 .0000E+00	11 .0000E+00	12 .0000E+00	13	.0000E+00
14	.0000E+00 15	.0000E+00 16	.0000E+00			
	17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21	.0000E+00
22	.0000E+00 23	.0000E+00 24	.0000E+00			
			DAY	OF WEEK = SUNDA	Y	
	1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5	.0000E+00
6	.0000E+00 7	.0000E+00 8	.0000E+00			
	9 .0000E+00	10 .0000E+00	11 .0000E+00	12 .0000E+00	13	.0000E+00
14	.0000E+00 15	.0000E+00 16	.0000E+00			
	17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21	.0000E+00
22	.0000E+00 23	.0000E+00 24	.0000E+00			
<b>^</b>	*** AERMOD - VERS	SION 22112 ***	*** C:\Users\	apoll\Desktop\HA	RP2\H	ARP\Pacific
Sai	n Marcos\Pacific\	Pacific ***	09/29/23			
*:	** AERMET - VERSI	ION 14134 ***	***			
		***	15:16:42			

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0001026 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

-----

	DAY OF WEEK = WEEKDAY						
1 .0000E+00	2 .0000E+00	3 .0000E+00 4	.0000E+00 5 .0000E+00				
6 .0000E+00 7	.0000E+00 8	.7200E+01					
9 .7200E+01	10 .7200E+01	11 .7200E+01 12	.7200E+01 13 .7200E+01				
14 .7200E+01 15	.7200E+01 16	.7200E+01					
17 .7200E+01	18 .0000E+00	19 .0000E+00 20	.0000E+00 21 .0000E+00				
22 .0000E+00 23	.0000E+00 24	.0000E+00					
		DAY OF W	IEEK = SATURDAY				
1 .0000E+00	2 .0000E+00	3 .0000E+00 4	.0000E+00 5 .0000E+00				
6 .0000E+00 7	.0000E+00 8	.0000E+00					
9 .0000E+00	10 .0000E+00	11 .0000E+00 12	.0000E+00 13 .0000E+00				
14 .0000E+00 15	.0000E+00 16	.0000E+00					
17 .0000E+00	18 .0000E+00	19 .0000E+00 20	.0000E+00 21 .0000E+00				
22 .0000E+00 23	.0000E+00 24	.0000E+00					
	DAY OF WEEK = SUNDAY						
1 .0000E+00	2 .0000E+00	3 .0000E+00 4	.0000E+00 5 .0000E+00				
6 .0000E+00 7	.0000E+00 8	.0000E+00					
9 .0000E+00	10 .0000E+00	11 .0000E+00 12	.0000E+00 13 .0000E+00				
14 .0000E+00 15	.0000E+00 16	.0000E+00					
17 .0000E+00	18 .0000E+00	19 .0000E+00 20	.0000E+00 21 .0000E+00				

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22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                              09/29/23
*** AERMET - VERSION 14134 *** ***
                              15:16:42
                              PAGE 255
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                 * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001027
                     ; SOURCE TYPE = VOLUME
      SCALAR HOUR SCALAR
                             HOUR SCALAR HOUR SCALAR HOUR
                                                                SCALAR
HOUR
      SCALAR
              HOUR
                    SCALAR
                            HOUR
                                  SCALAR
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00
                               3 .0000E+00
                                             4 .0000E+00
                                                         5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                             12 .7200E+01
                                                           13 .7200E+01
   .7200E+01 15 .7200E+01 16 .7200E+01
                              19 .0000E+00
  17 .7200E+01 18 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SATURDAY
                                                          5 .0000E+00
   1 .0000E+00
                2 .0000E+00
                               3 .0000E+00 4 .0000E+00
 .0000E+00 7 .0000E+00
                         8 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                             12 .0000E+00
                                                           13 .0000E+00
14 .0000E+00 15 .0000E+00
                            16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00
                               3 .0000E+00
                                            4 .0000E+00
                                                            5 .0000E+00
 .0000E+00 7 .0000E+00
                            8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                             12 .0000E+00
                                                           13 .0000E+00
   .0000E+00 15 .0000E+00 16 .0000E+00
                                             20 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                           21 .0000E+00
              23 .0000E+00 24 .0000E+00
  .0000E+00
↑ *** AERMOD - VERSION 22112 ***
                                *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                09/29/23
                               ***
*** AERMET - VERSION 14134 ***
                              15:16:42
                              PAGE 256
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                 * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001028 ; SOURCE TYPE = VOLUME :
```

```
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
  9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                           DAY OF WEEK = SATURDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                             DAY OF WEEK = SUNDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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                         15:16:42
                         PAGE 257
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
              * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001029 : SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
  9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                            DAY OF WEEK = SATURDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
```

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

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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
                                                         21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
                                          4 .0000E+00
   1 .0000E+00 2 .0000E+00
                                                          5 .0000E+00
                              3 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                             15:16:42
                             PAGE 258
                RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001030 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR
                     SCALAR HOUR SCALAR
                                          HOUR SCALAR
                                                        HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                       DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                           12 .7200E+01
                                                         13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00 4 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                                         21 .0000E+00
  17 .0000E+00 18 .0000E+00
                             19 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
                2 .0000E+00
                              3 .0000E+00 4 .0000E+00
                                                          5 .0000E+00
   1 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                           20 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
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6 .0000E+00 7 .0000E+00 8 .0000E+00

San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* 15:16:42 PAGE 259 \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0001031 ; SOURCE TYPE = VOLUME : SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .7200E+01 11 .7200E+01 12 .7200E+01 9 .7200E+01 10 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 5 .0000E+00 4 .0000E+00 7 .0000E+00 8 .0000E+00 .0000E+00 13 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 2 .0000E+00 3 .0000E+00 4 .0000E+00 1 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* \*\*\* 15:16:42 PAGE 260

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0001032 ; SOURCE TYPE = VOLUME : SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 20 .0000E+00 17 .7200E+01 18 .0000E+00 19 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 20 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* \*\*\* 15:16:42 PAGE 261 \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0001033 ; SOURCE TYPE = VOLUME : HOUR SCALAR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00

6 .0000E+00 7 .0000E+00 8 .0000E+00

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14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                         21 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                             09/29/23
*** AERMET - VERSION 14134 *** ***
                             15:16:42
                             PAGE 262
                RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001034 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR
               HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                         13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00
                                           4 .0000E+00
                                                       5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                             19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
                                          4 .0000E+00
   1 .0000E+00
                2 .0000E+00
                              3 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                             19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific O9/29/23
*** AERMET - VERSION 14134 *** ***
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0001035 ; SOURCE TYPE = VOLUME : HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 12 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* 15:16:42

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0001036 ; SOURCE TYPE = VOLUME : HOUR SCALAR HOUR SCALAR

```
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                            15:16:42
                            PAGE 265
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001037 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                      DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                 DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
```

6 .0000E+00 7 .0000E+00 8 .0000E+00

14 .0000E+00 15 .0000E+00 16 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

13 .0000E+00

```
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00
                 2 .0000E+00
                               3 .0000E+00 4 .0000E+00
                                                         5 .0000E+00
 .0000E+00
            7 .0000E+00
                           8 .0000E+00
                10 .0000E+00
                              11 .0000E+00 12 .0000E+00
   9 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00
                           16 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
             23 .0000E+00
                           24 .0000E+00
  .0000E+00
↑ *** AERMOD - VERSION 22112 ***
                              *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                              09/29/23
*** AERMET - VERSION 14134 ***
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                    ***
                             15:16:42
                             PAGE 266
                RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001038 ; SOURCE TYPE = VOLUME :
       SCALAR
               HOUR SCALAR HOUR
                                   SCALAR HOUR SCALAR HOUR
                           HOUR SCALAR
HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00
                               3 .0000E+00 4 .0000E+00 5 .0000E+00
                         8 .7200E+01
 .0000E+00 7 .0000E+00
   9 .7200E+01
                10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                         13 .7200E+01
14 .7200E+01 15 .7200E+01
                           16 .7200E+01
  17 .7200E+01 18 .0000E+00
                            19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
   1 .0000E+00
                2 .0000E+00
                               3 .0000E+00
                                          4 .0000E+00
                                                          5 .0000E+00
 .0000E+00 7 .0000E+00
                           8 .0000E+00
                10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                         13 .0000E+00
   9 .0000E+00
  .0000E+00 15 .0000E+00 16 .0000E+00
                                            20 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00
                           24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                                                          5 .0000E+00
                               3 .0000E+00
                                            4 .0000E+00
 .0000E+00 7 .0000E+00
                           8 .0000E+00
                10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
   9 .0000E+00
                                                         13 .0000E+00
  .0000E+00 15 .0000E+00 16 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
  17 .0000E+00 18 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 ***
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0001039 ; SOURCE TYPE = VOLUME : SCALAR HOUR SCALAR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 20 .0000E+00 21 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* \*\*\* 15:16:42 PAGE 268 \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0001040 ; SOURCE TYPE = VOLUME : HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR SCALAR HOUR SCALAR HOUR SCALAR HOUR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00

```
6 .0000E+00 7 .0000E+00 8 .7200E+01
                                             12 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                                           13 .7200E+01
              15 .7200E+01 16 .7200E+01
14 .7200E+01
  17 .7200E+01 18 .0000E+00
                               19 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00
            23 .0000E+00
                            24 .0000E+00
                                        DAY OF WEEK = SATURDAY
                                              4 .0000E+00
   1 .0000E+00 2 .0000E+00
                                                           5
                               3 .0000E+00
                                                               .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
                10
                               11 .0000E+00
                                             12 .0000E+00
   9 .0000E+00
                   .0000E+00
                                                           13 .0000E+00
              15 .0000E+00
                            16 .0000E+00
14 .0000E+00
  17 .0000E+00 18 .0000E+00
                               19 .0000E+00
                                             20 .0000E+00
                                                           21
                                                               .0000E+00
            23 .0000E+00
22 .0000E+00
                           24 .0000E+00
                                        DAY OF WEEK = SUNDAY
                2 .0000E+00
                               3 .0000E+00
                                             4 .0000E+00
   1 .0000E+00
                                                            5
                                                               .0000E+00
            7 .0000E+00
 .0000E+00
                            8 .0000E+00
   9 .0000E+00 10 .0000E+00
                               11 .0000E+00
                                             12 .0000E+00
                                                           13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                               19 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
↑ *** AERMOD - VERSION 22112 ***
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                              09/29/23
San Marcos\Pacific\Pacific ***
*** AERMET - VERSION 14134 *** ***
                              15:16:42
                              PAGE 269
 *** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                 * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001041 ; SOURCE TYPE = VOLUME
       SCALAR HOUR
                             HOUR SCALAR HOUR SCALAR HOUR SCALAR
                      SCALAR
                            HOUR
HOUR
      SCALAR HOUR
                    SCALAR
                                  SCALAR
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                             4 .0000E+00
                                                          5 .0000E+00
              7 .0000E+00
                            8 .7200E+01
 .0000E+00
   9 .7200E+01 10 .7200E+01
                               11 .7200E+01
                                             12 .7200E+01
                                                           13 .7200E+01
14 .7200E+01 15 .7200E+01
                           16 .7200E+01
                                                           21 .0000E+00
  17 .7200E+01
                18 .0000E+00
                               19 .0000E+00
                                             20 .0000E+00
22 .0000E+00 23 .0000E+00
                            24 .0000E+00
                                        DAY OF WEEK = SATURDAY
                                                          5 .0000E+00
                               3 .0000E+00 4 .0000E+00
   1 .0000E+00
                 2 .0000E+00
              7 .0000E+00
 .0000E+00
                            8 .0000E+00
                10
                               11 .0000E+00
                                             12 .0000E+00
   9 .0000E+00
                   .0000E+00
                                                           13 .0000E+00
              15 .0000E+00
                            16 .0000E+00
14 .0000E+00
  17 .0000E+00 18 .0000E+00
                               19 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SUNDAY
```

```
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00
                           8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                              19 .0000E+00
                18 .0000E+00
  17 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 ***
                               *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                               09/29/23
*** AERMET - VERSION 14134 ***
                             15:16:42
                             PAGE 270
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001042
                    ; SOURCE TYPE = VOLUME
               HOUR SCALAR
 HOUR SCALAR
                            HOUR
                                  SCALAR HOUR SCALAR HOUR
                                                               SCALAR
     SCALAR HOUR SCALAR HOUR
                                  SCALAR
HOUR
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                             4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00
                           8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                            12 .7200E+01
                                                          13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01
                18 .0000E+00
                             19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SATURDAY
                 2 .0000E+00
                               3 .0000E+00 4 .0000E+00
   1 .0000E+00
                                                         5 .0000E+00
 .0000E+00 7 .0000E+00
                            8 .0000E+00
   9 .0000E+00
                10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00
                            16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SUNDAY
                2 .0000E+00
   1 .0000E+00
                               3 .0000E+00
                                             4 .0000E+00
                                                           5
                                                              .0000E+00
 .0000E+00 7 .0000E+00
                            8 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
  17 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                              09/29/23
                              ***
*** AERMET - VERSION 14134 ***
                             15:16:42
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001043 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                      DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                          20 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                            15:16:42
                            PAGE 272
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001044 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                     DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
```

```
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                                        21 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
   1 .0000E+00
                2 .0000E+00
                             3 .0000E+00 4 .0000E+00
                                                       5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
                           24 .0000E+00
22 .0000E+00 23 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                                           4 .0000E+00
                              3 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                            15:16:42
                            PAGE 273
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001045 ; SOURCE TYPE = VOLUME
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                       DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                           12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00
                             19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
                                          4 .0000E+00
   1 .0000E+00
                2 .0000E+00
                              3 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
                                           12 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00
                           24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00
                              3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
```

```
10 .0000E+00
   9 .0000E+00
                                 11 .0000E+00
                                                12 .0000E+00
                                                               13 .0000E+00
14 .0000E+00
              15 .0000E+00
                              16 .0000E+00
  17 .0000E+00
                 18
                                19 .0000E+00
                                                20 .0000E+00
                                                               21 .0000E+00
                     .0000E+00
22 .0000E+00
               23 .0000E+00
                              24 .0000E+00
↑ *** AERMOD - VERSION 22112 ***
                                  *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                   09/29/23
 *** AERMET - VERSION 14134 ***
                                15:16:42
                                PAGE 274
 *** MODELOPTs:
                  RegDFAULT CONC ELEV RURAL
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
 SOURCE ID = L0001046
                       ; SOURCE TYPE = VOLUME
        SCALAR
                HOUR
                       SCALAR
                                HOUR
                                      SCALAR
                                               HOUR SCALAR
                                                              HOUR SCALAR
HOUR
      SCALAR
              HOUR
                     SCALAR
                              HOUR
                                    SCALAR
                                           DAY OF WEEK = WEEKDAY
   1 .0000E+00
                  2 .0000E+00
                                 3 .0000E+00
                                                4 .0000E+00
                                                                5
                                                                   .0000E+00
  .0000E+00
              7 .0000E+00
                              8 .7200E+01
   9 .7200E+01
                 10
                     .7200E+01
                                 11 .7200E+01
                                                12 .7200E+01
                                                               13 .7200E+01
14 .7200E+01
               15 .7200E+01
                              16 .7200E+01
  17 .7200E+01
                 18 .0000E+00
                                19 .0000E+00
                                                20 .0000E+00
                                                               21 .0000E+00
                              24 .0000E+00
22 .0000E+00 23 .0000E+00
                                           DAY OF WEEK = SATURDAY
   1 .0000E+00
                  2 .0000E+00
                                  3 .0000E+00
                                                4 .0000E+00
                                                                5
                                                                   .0000E+00
  .0000E+00
               7 .0000E+00
                                .0000E+00
                 10 .0000E+00
                                                12 .0000E+00
                                                               13 .0000E+00
   9 .0000E+00
                                 11 .0000E+00
               15 .0000E+00
                              16 .0000E+00
14 .0000E+00
  17 .0000E+00
                 18
                     .0000E+00
                                 19
                                    .0000E+00
                                                               21
                                                20
                                                   .0000E+00
                                                                   .0000E+00
                                 .0000E+00
22 .0000E+00 23 .0000E+00
                              24
                                           DAY OF WEEK = SUNDAY
                                                4 .0000E+00
   1 .0000E+00
                  2 .0000E+00
                                  3 .0000E+00
                                                                5
                                                                   .0000E+00
              7 .0000E+00
  .0000E+00
                                .0000E+00
   9 .0000E+00
                 10
                     .0000E+00
                                 11 .0000E+00
                                                12 .0000E+00
                                                               13 .0000E+00
   .0000E+00
               15 .0000E+00
                              16 .0000E+00
  17 .0000E+00
                 18
                     .0000E+00
                                19 .0000E+00
                                                20 .0000E+00
                                                               21 .0000E+00
               23 .0000E+00
22 .0000E+00
                              24 .0000E+00
↑ *** AERMOD - VERSION 22112 ***
                                  *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
                                  09/29/23
San Marcos\Pacific\Pacific ***
 *** AERMET - VERSION 14134 ***
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                                15:16:42
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

<sup>\*</sup> SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF

```
SOURCE ID = L0001047 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                     DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                         20 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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                           15:16:42
                            PAGE 276
*** MODELOPTs:
               RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001048 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                     DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .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
                                                     21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                   DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                    5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                     13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
↑ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                  ***
                           15:16:42
                           PAGE 277
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001049 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                     13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00
                                       4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                        12 .0000E+00
                                                     13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21
                                                        .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SUNDAY
   1 .0000E+00
               2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   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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22 .0000E+00 23 .0000E+00 24 .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 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                            15:16:42
                            PAGE 278
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001050 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                  DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                         5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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                            15:16:42
                            PAGE 279
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
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SOURCE ID = L0001051 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                            15:16:42
                            PAGE 280
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001052 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .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
                                                       21 .0000E+00
                                          20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                             3 .0000E+00 4 .0000E+00
                                                      5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 ***
                            15:16:42
                            PAGE 281
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001053 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                      5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                          4 .0000E+00
                                                      5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
                                          12 .0000E+00
                                                       13 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .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 22112 *** *** C:\Users\apol1\Desktop\HARP2\HARP\Pacific
                              09/29/23
San Marcos\Pacific\Pacific ***
 *** AERMET - VERSION 14134 ***
                    ***
                              15:16:42
                              PAGE 282
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                 * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001054 ; SOURCE TYPE = VOLUME :
       SCALAR
               HOUR
                      SCALAR HOUR
                                    SCALAR
                                            HOUR SCALAR HOUR
                                                                SCALAR
     SCALAR HOUR SCALAR HOUR
                                  SCALAR
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00
                2 .0000E+00
                               3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00
                            8 .7200E+01
   9 .7200E+01
                10 .7200E+01
                               11 .7200E+01
                                             12 .7200E+01
                                                           13 .7200E+01
14 .7200E+01
              15 .7200E+01
                            16 .7200E+01
  17 .7200E+01 18 .0000E+00
                               19 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00
                                              4 .0000E+00
                               3 .0000E+00
                                                            5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00
                10
                   .0000E+00
                               11 .0000E+00
                                             12 .0000E+00
                                                           13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00
                18 .0000E+00
                               19 .0000E+00
                                             20 .0000E+00
                                                           21
                                                               .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00
                               3 .0000E+00 4 .0000E+00
                                                            5
                                                               .0000E+00
 .0000E+00
            7 .0000E+00
                            8 .0000E+00
   9 .0000E+00 10 .0000E+00
                               11 .0000E+00
                                             12 .0000E+00
                                                           13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                               19 .0000E+00
  17 .0000E+00
                18 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
                            24 .0000E+00
22 .0000E+00
              23 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                09/29/23
*** AERMET - VERSION 14134 *** ***
                    ***
                              15:16:42
                              PAGE 283
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                 * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001055
                      ; SOURCE TYPE = VOLUME
                                             :
 HOUR SCALAR HOUR
                      SCALAR HOUR
                                    SCALAR
                                            HOUR SCALAR
                                                          HOUR
                                                                SCALAR
```

DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 20 .0000E+00 17 .7200E+01 18 .0000E+00 19 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 21 .0000E+00 20 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ↑ \*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* \*\*\* 15:16:42 PAGE 284 \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0001056 ; SOURCE TYPE = VOLUME : HOUR SCALAR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

```
9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00
                              3 .0000E+00
                                          4 .0000E+00
                                                            .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                         21 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
                             09/29/23
San Marcos\Pacific\Pacific ***
*** AERMET - VERSION 14134 *** ***
                             15:16:42
                             PAGE 285
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001057 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR
                                 SCALAR
                                       DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                          4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                         13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                                         21 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00 4 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00
                10 .0000E+00
                             11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00
                           16 .0000E+00
                                                         21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00
                                          4 .0000E+00
                                                            .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                           20 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
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                             15:16:42
                             PAGE 286
                RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001058 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                       DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
                2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
   1 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00 4 .0000E+00
                                                          5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                             15:16:42
                             PAGE 287
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001059 ; SOURCE TYPE = VOLUME
 HOUR SCALAR HOUR
                     SCALAR HOUR SCALAR
                                          HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
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\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 20 .0000E+00 21 .0000E+00 17 .7200E+01 18 .0000E+00 19 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 4 .0000E+00 1 .0000E+00 2 .0000E+00 3 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* 15:16:42 PAGE 288 \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0001060 ; SOURCE TYPE = VOLUME : HOUR SCALAR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .7200E+01 12 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 20 .0000E+00 17 .7200E+01 18 .0000E+00 19 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 4 .0000E+00 5 .0000E+00 2 .0000E+00 3 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 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
                2 .0000E+00
   1 .0000E+00
                               3 .0000E+00
                                           4 .0000E+00
                                                          5 .0000E+00
           7 .0000E+00 8 .0000E+00
 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                    ***
                             15:16:42
                             PAGE 289
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001061 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR
                     SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
      SCALAR HOUR
HOUR
                   SCALAR
                           HOUR
                                 SCALAR
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01
                10 .7200E+01
                              11 .7200E+01
                                            12 .7200E+01
                                                          13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01
                18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SATURDAY
   1 .0000E+00
                 2 .0000E+00
                               3 .0000E+00
                                           4 .0000E+00
                                                         5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
                           16 .0000E+00
14 .0000E+00 15 .0000E+00
                18 .0000E+00
                              19 .0000E+00
  17 .0000E+00
                                            20 .0000E+00
                                                          21
                                                              .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SUNDAY
                               3 .0000E+00 4 .0000E+00
   1 .0000E+00
                 2 .0000E+00
                                                           5 .0000E+00
           7 .0000E+00
 .0000E+00
                           8 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00
                           16 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00
                           24 .0000E+00
★ *** AERMOD - VERSION 22112 ***
                               *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                              09/29/23
*** AERMET - VERSION 14134 ***
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15:16:42

PAGE 290 \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0001062 ; SOURCE TYPE = VOLUME : HOUR SCALAR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* 15:16:42 **PAGE 291** \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0001063 ; SOURCE TYPE = VOLUME

SCALAR

SCALAR

HOUR

SCALAR

SCALAR HOUR

HOUR

SCALAR

SCALAR

HOUR

HOUR

DAY OF WEEK = WEEKDAY

HOUR SCALAR HOUR SCALAR

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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 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                        12 .7200E+01
                                                     13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                                     21 .0000E+00
                                        20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                    5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                     13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                      5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                     13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                           15:16:42
                           PAGE 292
*** MODELOPTs:
               RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001064 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
 DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                       4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                        12 .0000E+00
                                                     13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .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
 .0000E+00 7 .0000E+00 8 .0000E+00
                                                         13 .0000E+00
   9 .0000E+00 10 .0000E+00
                             11 .0000E+00 12 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apol1\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                             15:16:42
                             PAGE 293
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001065 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                          HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                       DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                         13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
                             19 .0000E+00
  17 .7200E+01 18 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                             19 .0000E+00
                                                         21 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00
                              3 .0000E+00 4 .0000E+00
                                                          5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00
                             11 .0000E+00 12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                             19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
                             09/29/23
San Marcos\Pacific\Pacific ***
*** AERMET - VERSION 14134 ***
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                             15:16:42
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001066 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                   DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SUNDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
↑ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                  ***
                          15:16:42
                           PAGE 295
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001067 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
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9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                      13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                                      21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                              DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                      13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apol1\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                           15:16:42
                           PAGE 296
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001068 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
                                         20 .0000E+00
                                                      21 .0000E+00
  17 .7200E+01 18 .0000E+00 19 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                      13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                                      21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
```

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6 .0000E+00 7 .0000E+00 8 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18
                   .0000E+00
                             19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
↑ *** AERMOD - VERSION 22112 ***
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San Marcos\Pacific\Pacific ***
                               09/29/23
*** AERMET - VERSION 14134 ***
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                             15:16:42
                             PAGE 297
                RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001069 ; SOURCE TYPE = VOLUME :
               HOUR
                             HOUR
                                   SCALAR
                                           HOUR SCALAR HOUR
 HOUR
       SCALAR
                     SCALAR
                                                               SCALAR
HOUR SCALAR HOUR SCALAR HOUR
                                 SCALAR
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                          13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00
                                            4 .0000E+00
                               3 .0000E+00
                                                         5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10
                   .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
                                                          21
                                                              .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00
                               3 .0000E+00
                                            4 .0000E+00
                                                           5 .0000E+00
 .0000E+00 7 .0000E+00
                           8 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
↑ *** AERMOD - VERSION 22112 ***
                               *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
                             09/29/23
San Marcos\Pacific\Pacific ***
*** AERMET - VERSION 14134 *** ***
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001070 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
                                         20 .0000E+00
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                                      21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
                                        4 .0000E+00 5 .0000E+00
   1 .0000E+00 2 .0000E+00 3 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                      13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00
                                                      21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                      13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00
                                                      21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                           15:16:42
                           PAGE 299
              RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001071 ; SOURCE TYPE = VOLUME :
              HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR
                               SCALAR
                                     DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
```

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17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                      5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                          12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                          20 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                            15:16:42
                            PAGE 300
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001072 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                      DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
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14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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                            15:16:42
                            PAGE 301
               RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001073 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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                            15:16:42
                            PAGE 302
*** MODELOPTs:
               RegDFAULT CONC ELEV RURAL
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\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF

WEEK (HRDOW) \*

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SOURCE ID = L0001074 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR
                                  SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                      DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                       5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00
                                          4 .0000E+00
                                                       5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                            15:16:42
                            PAGE 303
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001075 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR
                     SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
     SCALAR HOUR SCALAR
                          HOUR SCALAR
                                      DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                         4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
                                           12 .7200E+01 13 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
```

				DAY OF WEEK = SATURDAY						
	1 .0000E+00	2	.0000E-	+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6.	0000E+00	7 .00	00E+00	8	.00	00E+00				
	9 .0000E+00	10	.0000E-	+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15 .0	000E+00	16	.0	000E+00				
1	.7 .0000E+00	18	.0000E-	+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23 .0	000E+00	24	.0	000E+00				
	DAY OF WEEK = SUNDAY									
	1 .0000E+00	2	.0000E-	+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6.	0000E+00	7 .00	00E+00	8	.00	00E+00				
	9 .0000E+00	10	.0000E-	+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15 .0	000E+00	16	.0	000E+00				
1	.0000E+00	18	.0000E-	+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23 .0	000E+00	24	.0	000E+00				
↑ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific										
San Marcos\Pacific\Pacific *** 09/29/23										
***	' AERMET - VE	RSION	14134 '	***	***					
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					DACE	201				

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0001076 ; SOURCE TYPE = VOLUME : HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

```
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                          12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00
               2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
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22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                              09/29/23
*** AERMET - VERSION 14134 *** ***
                              15:16:42
                              PAGE 305
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001077
                     ; SOURCE TYPE = VOLUME
      SCALAR HOUR SCALAR
                            HOUR SCALAR HOUR SCALAR HOUR
                                                                SCALAR
HOUR
      SCALAR
             HOUR
                    SCALAR
                            HOUR
                                  SCALAR
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00
                               3 .0000E+00
                                             4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                             12 .7200E+01
                                                           13 .7200E+01
  .7200E+01 15 .7200E+01 16 .7200E+01
                              19 .0000E+00
  17 .7200E+01 18 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SATURDAY
                                                          5 .0000E+00
   1 .0000E+00
                2 .0000E+00
                               3 .0000E+00 4 .0000E+00
 .0000E+00 7 .0000E+00
                         8 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                             12 .0000E+00
                                                           13 .0000E+00
14 .0000E+00 15 .0000E+00
                            16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00
                               3 .0000E+00
                                           4 .0000E+00
                                                            5 .0000E+00
 .0000E+00 7 .0000E+00
                            8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                           13 .0000E+00
  .0000E+00 15 .0000E+00 16 .0000E+00
                                             20 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                           21 .0000E+00
              23 .0000E+00 24 .0000E+00
  .0000E+00
↑ *** AERMOD - VERSION 22112 ***
                               *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                               09/29/23
                              ***
*** AERMET - VERSION 14134 ***
                              15:16:42
                              PAGE 306
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001078 ; SOURCE TYPE = VOLUME :
```

```
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
  9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                           DAY OF WEEK = SATURDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                             DAY OF WEEK = SUNDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                 ***
                         15:16:42
                         PAGE 307
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
              * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001079 : SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
  9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                            DAY OF WEEK = SATURDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
```

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

```
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                                         21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
                                          4 .0000E+00
   1 .0000E+00 2 .0000E+00
                                                          5 .0000E+00
                              3 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                             15:16:42
                             PAGE 308
                RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001080 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR
                     SCALAR HOUR SCALAR
                                          HOUR SCALAR
                                                        HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                       DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                           12 .7200E+01
                                                         13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00 4 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                                         21 .0000E+00
  17 .0000E+00 18 .0000E+00
                             19 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
                2 .0000E+00
                              3 .0000E+00 4 .0000E+00
                                                          5 .0000E+00
   1 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                           20 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
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San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* 15:16:42 PAGE 309 \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0001081 ; SOURCE TYPE = VOLUME : SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .7200E+01 11 .7200E+01 12 .7200E+01 9 .7200E+01 10 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 5 .0000E+00 4 .0000E+00 7 .0000E+00 8 .0000E+00 .0000E+00 13 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 2 .0000E+00 3 .0000E+00 4 .0000E+00 1 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23

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15:16:42

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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\*\*\* AERMET - VERSION 14134 \*\*\*

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

SOURCE ID = L0001082 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 20 .0000E+00 17 .7200E+01 18 .0000E+00 19 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* \*\*\* 15:16:42 PAGE 311 \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0001083 ; SOURCE TYPE = VOLUME : HOUR SCALAR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00

6 .0000E+00 7 .0000E+00 8 .0000E+00

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14 .0000E+00 15 .0000E+00 16 .0000E+00
                                                         21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                             09/29/23
*** AERMET - VERSION 14134 *** ***
                             15:16:42
                             PAGE 312
                RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001084 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR
               HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                         13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00
                                           4 .0000E+00
                                                       5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                             19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
                                          4 .0000E+00
   1 .0000E+00
                2 .0000E+00
                              3 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                             19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
             23 .0000E+00 24 .0000E+00
22 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific O9/29/23
*** AERMET - VERSION 14134 *** ***
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0001085 ; SOURCE TYPE = VOLUME : HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 12 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* 15:16:42

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0001086 ; SOURCE TYPE = VOLUME : HOUR SCALAR HOUR SCALAR

```
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                            15:16:42
                            PAGE 315
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001087 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                      DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                 DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
```

6 .0000E+00 7 .0000E+00 8 .0000E+00

14 .0000E+00 15 .0000E+00 16 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

13 .0000E+00

```
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00
                 2 .0000E+00
                               3 .0000E+00 4 .0000E+00
                                                         5 .0000E+00
 .0000E+00
            7 .0000E+00
                           8 .0000E+00
                10 .0000E+00
                              11 .0000E+00 12 .0000E+00
   9 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00
                           16 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
             23 .0000E+00
                           24 .0000E+00
  .0000E+00
↑ *** AERMOD - VERSION 22112 ***
                              *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                              09/29/23
*** AERMET - VERSION 14134 ***
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                    ***
                             15:16:42
                             PAGE 316
                RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0001088 ; SOURCE TYPE = VOLUME :
       SCALAR
               HOUR SCALAR HOUR
                                   SCALAR HOUR SCALAR HOUR
                           HOUR SCALAR
HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00
                               3 .0000E+00 4 .0000E+00 5 .0000E+00
                         8 .7200E+01
 .0000E+00 7 .0000E+00
   9 .7200E+01
                10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                         13 .7200E+01
14 .7200E+01 15 .7200E+01
                           16 .7200E+01
  17 .7200E+01 18 .0000E+00
                            19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
   1 .0000E+00
                2 .0000E+00
                               3 .0000E+00
                                          4 .0000E+00
                                                          5 .0000E+00
 .0000E+00 7 .0000E+00
                           8 .0000E+00
                10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                         13 .0000E+00
   9 .0000E+00
  .0000E+00 15 .0000E+00 16 .0000E+00
                                            20 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00
                           24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                                                          5 .0000E+00
                               3 .0000E+00
                                            4 .0000E+00
 .0000E+00 7 .0000E+00
                           8 .0000E+00
                10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
   9 .0000E+00
                                                         13 .0000E+00
  .0000E+00 15 .0000E+00 16 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
  17 .0000E+00 18 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 ***
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15:16:42

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0001089 ; SOURCE TYPE = VOLUME : SCALAR HOUR SCALAR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 20 .0000E+00 21 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* \*\*\* 15:16:42 PAGE 318 \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0002336 ; SOURCE TYPE = VOLUME : HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR SCALAR HOUR SCALAR HOUR SCALAR HOUR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00

```
6 .0000E+00 7 .0000E+00 8 .7200E+01
                                            12 .7200E+01
                                                           13 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
             15 .7200E+01 16 .7200E+01
14 .7200E+01
  17 .7200E+01 18 .0000E+00
                              19 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00
            23 .0000E+00
                            24 .0000E+00
                                        DAY OF WEEK = SATURDAY
                                             4 .0000E+00
   1 .0000E+00 2 .0000E+00
                                                          5
                               3 .0000E+00
                                                              .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
                10
                              11 .0000E+00
                                             12 .0000E+00
   9 .0000E+00
                   .0000E+00
                                                           13 .0000E+00
             15 .0000E+00
                            16 .0000E+00
14 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                             20 .0000E+00
                                                           21
                                                              .0000E+00
22 .0000E+00 23 .0000E+00
                          24 .0000E+00
                                        DAY OF WEEK = SUNDAY
                2 .0000E+00
                               3 .0000E+00
                                             4 .0000E+00
   1 .0000E+00
                                                           5
                                                              .0000E+00
           7 .0000E+00
 .0000E+00
                            8 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                             12 .0000E+00
                                                           13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
↑ *** AERMOD - VERSION 22112 ***
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                              09/29/23
San Marcos\Pacific\Pacific ***
*** AERMET - VERSION 14134 *** ***
                              15:16:42
                              PAGE 319
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002337 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR
                             HOUR SCALAR HOUR SCALAR HOUR SCALAR
                     SCALAR
                            HOUR
HOUR
      SCALAR HOUR
                    SCALAR
                                  SCALAR
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                             4 .0000E+00
                                                         5 .0000E+00
             7 .0000E+00
                          8 .7200E+01
 .0000E+00
   9 .7200E+01 10 .7200E+01
                              11 .7200E+01
                                            12 .7200E+01
                                                           13 .7200E+01
14 .7200E+01 15 .7200E+01
                          16 .7200E+01
                                                           21 .0000E+00
  17 .7200E+01
                18 .0000E+00
                              19 .0000E+00
                                             20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SATURDAY
                                                         5 .0000E+00
                               3 .0000E+00 4 .0000E+00
   1 .0000E+00
                 2 .0000E+00
           7 .0000E+00
 .0000E+00
                            8 .0000E+00
                10
                              11 .0000E+00
                                            12 .0000E+00
   9 .0000E+00
                   .0000E+00
                                                           13 .0000E+00
              15 .0000E+00
                            16 .0000E+00
14 .0000E+00
  17 .0000E+00 18 .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
 .0000E+00 7 .0000E+00
                           8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                              19 .0000E+00
                18 .0000E+00
  17 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 ***
                               *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                               09/29/23
*** AERMET - VERSION 14134 ***
                             15:16:42
                             PAGE 320
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002338
                    ; SOURCE TYPE = VOLUME
 HOUR SCALAR HOUR SCALAR
                            HOUR SCALAR HOUR SCALAR HOUR
                                                               SCALAR
     SCALAR HOUR SCALAR HOUR
                                  SCALAR
HOUR
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                            4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00
                           8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                            12 .7200E+01
                                                          13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01
                18 .0000E+00 19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SATURDAY
                2 .0000E+00
                               3 .0000E+00 4 .0000E+00
   1 .0000E+00
                                                         5 .0000E+00
 .0000E+00 7 .0000E+00
                           8 .0000E+00
   9 .0000E+00
                10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00
                           16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SUNDAY
                2 .0000E+00
   1 .0000E+00
                               3 .0000E+00
                                            4 .0000E+00
                                                           5
                                                              .0000E+00
 .0000E+00 7 .0000E+00
                           8 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
  17 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                              09/29/23
                             ***
*** AERMET - VERSION 14134 ***
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

```
* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002339 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                     DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                          20 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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                            15:16:42
                            PAGE 322
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002340 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                     DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
```

```
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                                        21 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
   1 .0000E+00
                2 .0000E+00
                             3 .0000E+00 4 .0000E+00
                                                       5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
                           24 .0000E+00
22 .0000E+00 23 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                                           4 .0000E+00
                              3 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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                            15:16:42
                            PAGE 323
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002341 ; SOURCE TYPE = VOLUME
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                       DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                           12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00
                             19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
                                          4 .0000E+00
   1 .0000E+00
                2 .0000E+00
                              3 .0000E+00
                                                       5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
                                           12 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00
                           24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00
                              3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
```

```
10 .0000E+00
   9 .0000E+00
                                 11 .0000E+00
                                                12 .0000E+00
                                                               13 .0000E+00
14 .0000E+00
              15 .0000E+00
                              16 .0000E+00
  17 .0000E+00
                 18
                                19 .0000E+00
                                                20 .0000E+00
                                                               21 .0000E+00
                     .0000E+00
22 .0000E+00
               23 .0000E+00
                              24 .0000E+00
↑ *** AERMOD - VERSION 22112 ***
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San Marcos\Pacific\Pacific ***
                                   09/29/23
 *** AERMET - VERSION 14134 ***
                                15:16:42
                                PAGE 324
 *** MODELOPTs:
                  RegDFAULT CONC ELEV RURAL
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
 SOURCE ID = L0002342
                       ; SOURCE TYPE = VOLUME
        SCALAR
                HOUR
                       SCALAR
                                HOUR
                                      SCALAR
                                               HOUR SCALAR
                                                              HOUR SCALAR
      SCALAR
              HOUR
HOUR
                     SCALAR
                              HOUR
                                    SCALAR
                                           DAY OF WEEK = WEEKDAY
   1 .0000E+00
                  2 .0000E+00
                                 3 .0000E+00
                                                4 .0000E+00
                                                                5
                                                                   .0000E+00
  .0000E+00
              7 .0000E+00
                              8 .7200E+01
   9 .7200E+01
                 10
                     .7200E+01
                                 11 .7200E+01
                                                12 .7200E+01
                                                               13 .7200E+01
14 .7200E+01
               15 .7200E+01
                              16 .7200E+01
  17 .7200E+01
                 18 .0000E+00
                                19 .0000E+00
                                                20 .0000E+00
                                                               21 .0000E+00
                              24 .0000E+00
22 .0000E+00 23 .0000E+00
                                           DAY OF WEEK = SATURDAY
   1 .0000E+00
                  2 .0000E+00
                                  3 .0000E+00
                                                4 .0000E+00
                                                                5
                                                                   .0000E+00
  .0000E+00
               7 .0000E+00
                                .0000E+00
                 10 .0000E+00
                                                12 .0000E+00
                                                               13 .0000E+00
   9 .0000E+00
                                 11 .0000E+00
               15 .0000E+00
                              16 .0000E+00
14 .0000E+00
  17 .0000E+00
                 18
                     .0000E+00
                                 19
                                    .0000E+00
                                                               21
                                                20 .0000E+00
                                                                   .0000E+00
                                 .0000E+00
22 .0000E+00 23 .0000E+00
                              24
                                           DAY OF WEEK = SUNDAY
                                                4 .0000E+00
   1 .0000E+00
                  2 .0000E+00
                                  3 .0000E+00
                                                                5
                                                                   .0000E+00
              7 .0000E+00
  .0000E+00
                                .0000E+00
   9 .0000E+00
                 10
                     .0000E+00
                                 11 .0000E+00
                                                12 .0000E+00
                                                               13 .0000E+00
   .0000E+00
               15 .0000E+00
                              16 .0000E+00
  17 .0000E+00
                 18
                     .0000E+00
                                19 .0000E+00
                                                20 .0000E+00
                                                               21 .0000E+00
               23 .0000E+00
22 .0000E+00
                              24 .0000E+00
↑ *** AERMOD - VERSION 22112 ***
                                  *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
                                  09/29/23
San Marcos\Pacific\Pacific ***
 *** AERMET - VERSION 14134 ***
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                                15:16:42
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

<sup>\*</sup> SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF

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SOURCE ID = L0002343 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                     DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                         20 .0000E+00 21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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                           15:16:42
                            PAGE 326
*** MODELOPTs:
               RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002344 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                     DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
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22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00
                            3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                     13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                                     21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                   DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                    5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                     13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
↑ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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                           15:16:42
                           PAGE 327
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002345 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                     13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00
                                       4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                        12 .0000E+00
                                                     13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21
                                                        .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SUNDAY
   1 .0000E+00
               2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   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 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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                            15:16:42
                            PAGE 328
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002346 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                  DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                         5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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                            PAGE 329
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
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SOURCE ID = L0002347 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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                            15:16:42
                            PAGE 330
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002348 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .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
                                                       21 .0000E+00
                                          20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                             3 .0000E+00 4 .0000E+00
                                                      5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 ***
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                            PAGE 331
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002349 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                         4 .0000E+00
                                                      5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
                                          12 .0000E+00
                                                       13 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .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 22112 *** *** C:\Users\apol1\Desktop\HARP2\HARP\Pacific
                              09/29/23
San Marcos\Pacific\Pacific ***
 *** AERMET - VERSION 14134 ***
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                              PAGE 332
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                 * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002350 ; SOURCE TYPE = VOLUME :
       SCALAR
               HOUR
                      SCALAR HOUR
                                    SCALAR
                                            HOUR SCALAR HOUR
                                                                SCALAR
     SCALAR HOUR SCALAR HOUR
                                  SCALAR
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00
                2 .0000E+00
                               3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00
                            8 .7200E+01
   9 .7200E+01
                10 .7200E+01
                               11 .7200E+01
                                             12 .7200E+01
                                                           13 .7200E+01
14 .7200E+01
              15 .7200E+01
                            16 .7200E+01
  17 .7200E+01 18 .0000E+00
                               19 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00
                                              4 .0000E+00
                               3 .0000E+00
                                                            5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00
                10
                   .0000E+00
                               11 .0000E+00
                                             12 .0000E+00
                                                           13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00
                18 .0000E+00
                               19 .0000E+00
                                             20 .0000E+00
                                                           21
                                                               .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00
                               3 .0000E+00 4 .0000E+00
                                                            5
                                                               .0000E+00
 .0000E+00
            7 .0000E+00
                            8 .0000E+00
   9 .0000E+00 10 .0000E+00
                               11 .0000E+00
                                             12 .0000E+00
                                                           13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                               19 .0000E+00
  17 .0000E+00 18 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
                            24 .0000E+00
22 .0000E+00
              23 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                09/29/23
*** AERMET - VERSION 14134 *** ***
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                              15:16:42
                              PAGE 333
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                 * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002351
                      ; SOURCE TYPE = VOLUME
                                             :
 HOUR SCALAR HOUR
                      SCALAR HOUR
                                    SCALAR
                                            HOUR SCALAR
                                                          HOUR
                                                                SCALAR
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DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 20 .0000E+00 17 .7200E+01 18 .0000E+00 19 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 21 .0000E+00 20 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ↑ \*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* \*\*\* 15:16:42 PAGE 334 \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0002352 ; SOURCE TYPE = VOLUME : HOUR SCALAR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 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
                                                            .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                         21 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
                             09/29/23
San Marcos\Pacific\Pacific ***
*** AERMET - VERSION 14134 *** ***
                             15:16:42
                             PAGE 335
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002353 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR
                                 SCALAR
                                       DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                          4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                         13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                                         21 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00 4 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00
                10 .0000E+00
                             11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00
                           16 .0000E+00
                                                         21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00
                                           4 .0000E+00
                                                            .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00
                                           12 .0000E+00
                             11 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                           20 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
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                             15:16:42
                             PAGE 336
                RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002354 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                       DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
                2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
   1 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00 4 .0000E+00
                                                          5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                             15:16:42
                             PAGE 337
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002355 ; SOURCE TYPE = VOLUME
 HOUR SCALAR HOUR
                     SCALAR HOUR SCALAR
                                          HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
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\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 20 .0000E+00 21 .0000E+00 17 .7200E+01 18 .0000E+00 19 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* 15:16:42 PAGE 338 \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0002356 ; SOURCE TYPE = VOLUME : HOUR SCALAR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .7200E+01 12 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 20 .0000E+00 17 .7200E+01 18 .0000E+00 19 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 4 .0000E+00 5 .0000E+00 2 .0000E+00 3 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 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
                2 .0000E+00
   1 .0000E+00
                               3 .0000E+00
                                           4 .0000E+00
                                                          5 .0000E+00
           7 .0000E+00 8 .0000E+00
 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                    ***
                             15:16:42
                             PAGE 339
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002357 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR
                     SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
      SCALAR HOUR
HOUR
                   SCALAR
                           HOUR
                                 SCALAR
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01
                10 .7200E+01
                              11 .7200E+01
                                            12 .7200E+01
                                                          13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SATURDAY
   1 .0000E+00
                 2 .0000E+00
                               3 .0000E+00
                                           4 .0000E+00
                                                         5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
                           16 .0000E+00
14 .0000E+00 15 .0000E+00
                18 .0000E+00
                              19 .0000E+00
  17 .0000E+00
                                            20 .0000E+00
                                                          21
                                                              .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SUNDAY
                               3 .0000E+00 4 .0000E+00
   1 .0000E+00
                 2 .0000E+00
                                                           5 .0000E+00
 .0000E+00 7 .0000E+00
                           8 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00
                           16 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00
                           24 .0000E+00
★ *** AERMOD - VERSION 22112 ***
                               *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                              09/29/23
*** AERMET - VERSION 14134 ***
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15:16:42

PAGE 340 \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0002358 ; SOURCE TYPE = VOLUME : HOUR SCALAR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* 15:16:42 **PAGE 341** \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0002359; SOURCE TYPE = VOLUME SCALAR HOUR SCALAR HOUR SCALAR

HOUR

SCALAR

SCALAR HOUR

HOUR

SCALAR

SCALAR

HOUR

SCALAR

HOUR

DAY OF WEEK = WEEKDAY

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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 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                        12 .7200E+01
                                                     13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                                     21 .0000E+00
                                        20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                    5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                     13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                      5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                     13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                           15:16:42
                           PAGE 342
*** MODELOPTs:
               RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002360 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
 DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                       4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                        12 .0000E+00
                                                     13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .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
 .0000E+00 7 .0000E+00 8 .0000E+00
                                                         13 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apol1\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                             15:16:42
                             PAGE 343
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002361 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                          HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                       DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                         13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
                             19 .0000E+00
  17 .7200E+01 18 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                             19 .0000E+00
                                                         21 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00
                              3 .0000E+00 4 .0000E+00
                                                          5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00
                             11 .0000E+00 12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                             19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
                             09/29/23
San Marcos\Pacific\Pacific ***
*** AERMET - VERSION 14134 ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002362 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                   DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SUNDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
↑ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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                          15:16:42
                           PAGE 345
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002363 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
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9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                      13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                                      21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                              DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                      13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apol1\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                           15:16:42
                           PAGE 346
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002364 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                      21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                      13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                                      21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
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6 .0000E+00 7 .0000E+00 8 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18
                   .0000E+00
                             19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
↑ *** AERMOD - VERSION 22112 ***
                               *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                               09/29/23
*** AERMET - VERSION 14134 ***
                    ***
                             15:16:42
                             PAGE 347
                RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002365 ; SOURCE TYPE = VOLUME :
               HOUR
                             HOUR
                                   SCALAR
                                           HOUR SCALAR HOUR
 HOUR
       SCALAR
                     SCALAR
                                                               SCALAR
HOUR SCALAR HOUR SCALAR HOUR
                                 SCALAR
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                          13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00
                                            4 .0000E+00
                               3 .0000E+00
                                                         5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10
                   .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
                                                          21
                                                              .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00
                               3 .0000E+00
                                            4 .0000E+00
                                                           5 .0000E+00
 .0000E+00 7 .0000E+00
                           8 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
↑ *** AERMOD - VERSION 22112 ***
                               *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
                             09/29/23
San Marcos\Pacific\Pacific ***
*** AERMET - VERSION 14134 *** ***
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                             15:16:42
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

```
* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002366 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
                                         20 .0000E+00
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                                      21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
                                        4 .0000E+00 5 .0000E+00
   1 .0000E+00 2 .0000E+00 3 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                      13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00
                                                      21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                      13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00
                                                      21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                           15:16:42
                           PAGE 349
              RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002367 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR
                               SCALAR
                                     DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
```

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17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                      5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                          12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                          20 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                            15:16:42
                            PAGE 350
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002368 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                      DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
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14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                            15:16:42
                            PAGE 351
               RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002369 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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                            15:16:42
                            PAGE 352
*** MODELOPTs:
               RegDFAULT CONC ELEV RURAL
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\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF

WEEK (HRDOW) \*

```
SOURCE ID = L0002370 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR
                                  SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                      DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                       5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00
                                          4 .0000E+00
                                                       5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                          12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                            15:16:42
                            PAGE 353
*** MODELOPTs:
               RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002371 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
     SCALAR HOUR SCALAR
                          HOUR SCALAR
                                      DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                         4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
                                          12 .7200E+01 13 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .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 .0000E+00 7 .0000E+00 8 .0000E+00 12 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 7 .0000E+00 8 .0000E+00 .0000E+00 11 .0000E+00 9 .0000E+00 10 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* \*\*\*
  - PAGE 354

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0002372; SOURCE TYPE = VOLUME HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR **SCALAR** HOUR SCALAR HOUR SCALAR HOUR SCALAR

		DAY OF WEEK = WEEKDAY			
	1 .0000E+00	2 .0000E+00	3 .0000E+00 4 .0000E+00 5 .0000E+00		
6	.0000E+00 7	.0000E+00 8	.7200E+01		
	9 .7200E+01	10 .7200E+01	11 .7200E+01 12 .7200E+01 13 .7200E+01		
14	.7200E+01 15	.7200E+01 16	.7200E+01		
	17 .7200E+01	18 .0000E+00	19 .0000E+00 20 .0000E+00 21 .0000E+00		
22	.0000E+00 23	.0000E+00 24	.0000E+00		
			DAY OF WEEK = SATURDAY		
	1 .0000E+00	2 .0000E+00	3 .0000E+00 4 .0000E+00 5 .0000E+00		
6	.0000E+00 7	.0000E+00 8	.0000E+00		
	9 .0000E+00	10 .0000E+00	11 .0000E+00 12 .0000E+00 13 .0000E+00		
14	.0000E+00 15	.0000E+00 16	.0000E+00		
	17 .0000E+00	18 .0000E+00	19 .0000E+00 20 .0000E+00 21 .0000E+00		
22	.0000E+00 23	.0000E+00 24	.0000E+00		
			DAY OF WEEK = SUNDAY		
		2 .0000E+00	3 .0000E+00 4 .0000E+00 5 .0000E+00		
6	.0000E+00 7		.0000E+00		
	9 .0000E+00	10 .0000E+00	11 .0000E+00 12 .0000E+00 13 .0000E+00		
14		.0000E+00 16			
	17 .0000E+00	18 .0000E+00	19 .0000E+00 20 .0000E+00 21 .0000E+00		

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22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                              09/29/23
*** AERMET - VERSION 14134 *** ***
                              15:16:42
                              PAGE 355
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                 * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002373
                     ; SOURCE TYPE = VOLUME
      SCALAR HOUR SCALAR
                             HOUR SCALAR HOUR SCALAR HOUR
                                                                SCALAR
HOUR
      SCALAR
              HOUR
                    SCALAR
                            HOUR
                                  SCALAR
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00
                               3 .0000E+00
                                             4 .0000E+00
                                                         5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                             12 .7200E+01
                                                           13 .7200E+01
   .7200E+01 15 .7200E+01 16 .7200E+01
                              19 .0000E+00
  17 .7200E+01 18 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SATURDAY
                                                          5 .0000E+00
   1 .0000E+00
                2 .0000E+00
                               3 .0000E+00 4 .0000E+00
 .0000E+00 7 .0000E+00
                         8 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                             12 .0000E+00
                                                           13 .0000E+00
14 .0000E+00 15 .0000E+00
                            16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00
                               3 .0000E+00
                                            4 .0000E+00
                                                            5 .0000E+00
 .0000E+00 7 .0000E+00
                            8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                             12 .0000E+00
                                                           13 .0000E+00
   .0000E+00 15 .0000E+00 16 .0000E+00
                                             20 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                           21 .0000E+00
              23 .0000E+00 24 .0000E+00
  .0000E+00
↑ *** AERMOD - VERSION 22112 ***
                                *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                09/29/23
                               ***
*** AERMET - VERSION 14134 ***
                              15:16:42
                              PAGE 356
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                 * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002374 ; SOURCE TYPE = VOLUME :
```

```
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
  9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                           DAY OF WEEK = SATURDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                             DAY OF WEEK = SUNDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                 ***
                         15:16:42
                         PAGE 357
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
              * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002375 : SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
  9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                            DAY OF WEEK = SATURDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
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HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

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6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                                         21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
                                          4 .0000E+00
   1 .0000E+00 2 .0000E+00
                                                          5 .0000E+00
                              3 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                             15:16:42
                             PAGE 358
                RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002376 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR
                     SCALAR HOUR SCALAR
                                          HOUR SCALAR
                                                        HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                       DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                           12 .7200E+01
                                                         13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00 4 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                                         21 .0000E+00
  17 .0000E+00 18 .0000E+00
                             19 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
                2 .0000E+00
                              3 .0000E+00 4 .0000E+00
                                                          5 .0000E+00
   1 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                           20 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
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San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* 15:16:42 PAGE 359 \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0002377 ; SOURCE TYPE = VOLUME : SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .7200E+01 11 .7200E+01 12 .7200E+01 9 .7200E+01 10 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 5 .0000E+00 4 .0000E+00 7 .0000E+00 8 .0000E+00 .0000E+00 13 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 2 .0000E+00 3 .0000E+00 4 .0000E+00 1 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

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★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

\*\*\*

San Marcos\Pacific\Pacific \*\*\* 09/29/23

SOURCE ID = L0002378 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 20 .0000E+00 17 .7200E+01 18 .0000E+00 19 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 20 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* \*\*\* 15:16:42 PAGE 361 \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0002379 ; SOURCE TYPE = VOLUME : HOUR SCALAR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00

6 .0000E+00 7 .0000E+00 8 .0000E+00

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14 .0000E+00 15 .0000E+00 16 .0000E+00
                                                         21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                             09/29/23
*** AERMET - VERSION 14134 *** ***
                             15:16:42
                             PAGE 362
                RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002380 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                         13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00
                                           4 .0000E+00
                                                       5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                             19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
                                          4 .0000E+00
   1 .0000E+00
                2 .0000E+00
                              3 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                             19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
             23 .0000E+00 24 .0000E+00
22 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific O9/29/23
*** AERMET - VERSION 14134 *** ***
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0002381 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 12 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY

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

.0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00

14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

22 .0000E+00 23 .0000E+00 24 .0000E+00

★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific \*\*\* 09/29/23

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

\*\* 15:16:42

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0002382 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

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DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                            15:16:42
                            PAGE 365
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002383 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                      DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                 DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
```

6 .0000E+00 7 .0000E+00 8 .0000E+00

14 .0000E+00 15 .0000E+00 16 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

13 .0000E+00

```
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00
                 2 .0000E+00
                               3 .0000E+00 4 .0000E+00
                                                         5 .0000E+00
 .0000E+00
            7 .0000E+00
                           8 .0000E+00
                10 .0000E+00
                              11 .0000E+00 12 .0000E+00
   9 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00
                           16 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
             23 .0000E+00
                           24 .0000E+00
  .0000E+00
↑ *** AERMOD - VERSION 22112 ***
                              *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                              09/29/23
*** AERMET - VERSION 14134 ***
                              ***
                    ***
                             15:16:42
                             PAGE 366
                RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002384 ; SOURCE TYPE = VOLUME :
       SCALAR
               HOUR SCALAR HOUR
                                   SCALAR HOUR SCALAR HOUR
                           HOUR SCALAR
HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00
                               3 .0000E+00 4 .0000E+00 5 .0000E+00
                         8 .7200E+01
 .0000E+00 7 .0000E+00
   9 .7200E+01
                10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                         13 .7200E+01
14 .7200E+01 15 .7200E+01
                           16 .7200E+01
  17 .7200E+01 18 .0000E+00
                            19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
   1 .0000E+00
                2 .0000E+00
                               3 .0000E+00
                                          4 .0000E+00
                                                          5 .0000E+00
 .0000E+00 7 .0000E+00
                           8 .0000E+00
                10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                         13 .0000E+00
   9 .0000E+00
  .0000E+00 15 .0000E+00 16 .0000E+00
                                            20 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00
                           24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                                                          5 .0000E+00
                               3 .0000E+00
                                            4 .0000E+00
 .0000E+00 7 .0000E+00
                           8 .0000E+00
                10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
   9 .0000E+00
                                                         13 .0000E+00
  .0000E+00 15 .0000E+00 16 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
  17 .0000E+00 18 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 ***
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                             15:16:42
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0002385 ; SOURCE TYPE = VOLUME : SCALAR HOUR SCALAR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 20 .0000E+00 21 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ★ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* \*\*\* 15:16:42 PAGE 368 \*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0002386 ; SOURCE TYPE = VOLUME : SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00

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6 .0000E+00 7 .0000E+00 8 .7200E+01
                                            12 .7200E+01
                                                           13 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
             15 .7200E+01 16 .7200E+01
14 .7200E+01
  17 .7200E+01 18 .0000E+00
                              19 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00
            23 .0000E+00
                            24 .0000E+00
                                        DAY OF WEEK = SATURDAY
                                             4 .0000E+00
   1 .0000E+00 2 .0000E+00
                                                          5
                               3 .0000E+00
                                                              .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10
                              11 .0000E+00
                                             12 .0000E+00
                   .0000E+00
                                                           13 .0000E+00
14 .0000E+00 15 .0000E+00
                            16 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                             20 .0000E+00
                                                           21
                                                              .0000E+00
22 .0000E+00 23 .0000E+00
                          24 .0000E+00
                                        DAY OF WEEK = SUNDAY
                2 .0000E+00
                               3 .0000E+00
                                             4 .0000E+00
   1 .0000E+00
                                                           5
                                                              .0000E+00
           7 .0000E+00
 .0000E+00
                            8 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                             12 .0000E+00
                                                           13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
↑ *** AERMOD - VERSION 22112 ***
                               *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
                              09/29/23
San Marcos\Pacific\Pacific ***
*** AERMET - VERSION 14134 *** ***
                              15:16:42
                              PAGE 369
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002387 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR
                             HOUR SCALAR HOUR SCALAR HOUR SCALAR
                     SCALAR
                            HOUR
HOUR
      SCALAR HOUR
                    SCALAR
                                  SCALAR
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                             4 .0000E+00
                                                         5 .0000E+00
             7 .0000E+00
                          8 .7200E+01
 .0000E+00
   9 .7200E+01 10 .7200E+01
                              11 .7200E+01
                                            12 .7200E+01
                                                           13 .7200E+01
14 .7200E+01 15 .7200E+01
                          16 .7200E+01
                                                           21 .0000E+00
  17 .7200E+01
                18 .0000E+00
                              19 .0000E+00
                                             20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SATURDAY
                                                         5 .0000E+00
                               3 .0000E+00 4 .0000E+00
   1 .0000E+00
                 2 .0000E+00
           7 .0000E+00
 .0000E+00
                            8 .0000E+00
                10
                              11 .0000E+00
                                            12 .0000E+00
   9 .0000E+00
                   .0000E+00
                                                           13 .0000E+00
              15 .0000E+00
                            16 .0000E+00
14 .0000E+00
  17 .0000E+00 18 .0000E+00
                              19 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SUNDAY
```

```
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00
                           8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                              19 .0000E+00
                18 .0000E+00
  17 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 ***
                               *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                               09/29/23
*** AERMET - VERSION 14134 ***
                             15:16:42
                             PAGE 370
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002388
                     ; SOURCE TYPE = VOLUME
               HOUR SCALAR
 HOUR SCALAR
                            HOUR
                                  SCALAR HOUR SCALAR HOUR
                                                               SCALAR
     SCALAR HOUR SCALAR HOUR
                                  SCALAR
HOUR
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                            4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00
                           8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                            12 .7200E+01
                                                          13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01
                18 .0000E+00
                             19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SATURDAY
                 2 .0000E+00
                               3 .0000E+00 4 .0000E+00
   1 .0000E+00
                                                         5 .0000E+00
 .0000E+00 7 .0000E+00
                           8 .0000E+00
   9 .0000E+00
                10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00
                           16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                            20 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SUNDAY
                2 .0000E+00
   1 .0000E+00
                               3 .0000E+00
                                            4 .0000E+00
                                                           5
                                                              .0000E+00
 .0000E+00 7 .0000E+00
                           8 .0000E+00
   9 .0000E+00 10 .0000E+00
                              11 .0000E+00
                                            12 .0000E+00
                                                          13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                18 .0000E+00
                              19 .0000E+00
                                            20 .0000E+00
  17 .0000E+00
                                                          21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                              09/29/23
                             ***
*** AERMET - VERSION 14134 ***
                             15:16:42
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002389 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                     DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                          20 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                            15:16:42
                            PAGE 372
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002390 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                     DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
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```
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                                        21 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
   1 .0000E+00
                2 .0000E+00
                             3 .0000E+00 4 .0000E+00
                                                       5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
                           24 .0000E+00
22 .0000E+00 23 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                                           4 .0000E+00
                              3 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                            15:16:42
                            PAGE 373
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002391 ; SOURCE TYPE = VOLUME
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                       DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01
                                           12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00
                             19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
                                          4 .0000E+00
   1 .0000E+00
                2 .0000E+00
                              3 .0000E+00
                                                       5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
                                           12 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00
                           24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00
                              3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
```

```
10 .0000E+00
   9 .0000E+00
                                 11 .0000E+00
                                                12 .0000E+00
                                                               13 .0000E+00
14 .0000E+00
              15 .0000E+00
                              16 .0000E+00
  17 .0000E+00
                 18
                                19 .0000E+00
                                                20 .0000E+00
                                                               21 .0000E+00
                     .0000E+00
22 .0000E+00
               23 .0000E+00
                              24 .0000E+00
↑ *** AERMOD - VERSION 22112 ***
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San Marcos\Pacific\Pacific ***
                                   09/29/23
 *** AERMET - VERSION 14134 ***
                                15:16:42
                                PAGE 374
 *** MODELOPTs:
                  RegDFAULT CONC ELEV RURAL
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
 SOURCE ID = L0002392
                       ; SOURCE TYPE = VOLUME
        SCALAR
                HOUR
                       SCALAR
                                HOUR
                                      SCALAR
                                               HOUR SCALAR
                                                              HOUR SCALAR
      SCALAR
              HOUR
HOUR
                     SCALAR
                              HOUR
                                    SCALAR
                                           DAY OF WEEK = WEEKDAY
   1 .0000E+00
                  2 .0000E+00
                                 3 .0000E+00
                                                4 .0000E+00
                                                                5
                                                                   .0000E+00
  .0000E+00
              7 .0000E+00
                              8 .7200E+01
   9 .7200E+01
                 10
                     .7200E+01
                                 11 .7200E+01
                                                12 .7200E+01
                                                               13 .7200E+01
14 .7200E+01
               15 .7200E+01
                              16 .7200E+01
  17 .7200E+01
                 18 .0000E+00
                                19 .0000E+00
                                                20 .0000E+00
                                                               21 .0000E+00
                              24 .0000E+00
22 .0000E+00 23 .0000E+00
                                           DAY OF WEEK = SATURDAY
   1 .0000E+00
                  2 .0000E+00
                                  3 .0000E+00
                                                4 .0000E+00
                                                                5
                                                                   .0000E+00
  .0000E+00
               7 .0000E+00
                                .0000E+00
                 10 .0000E+00
                                                12 .0000E+00
                                                               13 .0000E+00
   9 .0000E+00
                                 11 .0000E+00
               15 .0000E+00
                              16 .0000E+00
14 .0000E+00
  17 .0000E+00
                 18
                     .0000E+00
                                 19
                                    .0000E+00
                                                               21
                                                20 .0000E+00
                                                                  .0000E+00
                                 .0000E+00
22 .0000E+00 23 .0000E+00
                              24
                                           DAY OF WEEK = SUNDAY
                                                4 .0000E+00
   1 .0000E+00
                  2 .0000E+00
                                  3 .0000E+00
                                                                5
                                                                  .0000E+00
              7 .0000E+00
  .0000E+00
                                .0000E+00
   9 .0000E+00
                 10 .0000E+00
                                 11 .0000E+00
                                                12 .0000E+00
                                                               13 .0000E+00
   .0000E+00
               15 .0000E+00
                              16 .0000E+00
  17 .0000E+00
                 18
                     .0000E+00
                                19 .0000E+00
                                                20 .0000E+00
                                                               21 .0000E+00
               23 .0000E+00
22 .0000E+00
                              24 .0000E+00
↑ *** AERMOD - VERSION 22112 ***
                                  *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
                                  09/29/23
San Marcos\Pacific\Pacific ***
 *** AERMET - VERSION 14134 ***
                                ***
                                15:16:42
                                PAGE 375
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

<sup>\*</sup> SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF

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SOURCE ID = L0002393 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                     DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                         20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                         20 .0000E+00 21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                  ***
                           15:16:42
                            PAGE 376
*** MODELOPTs:
               RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002394 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                     DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .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
                                                     21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                   DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                    5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                     13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
↑ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                  ***
                           15:16:42
                           PAGE 377
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002395 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                     13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
  1 .0000E+00 2 .0000E+00 3 .0000E+00
                                       4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                        12 .0000E+00
                                                     13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                        20 .0000E+00
                                                     21
                                                        .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SUNDAY
   1 .0000E+00
               2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   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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22 .0000E+00 23 .0000E+00 24 .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 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                   ***
                            15:16:42
                            PAGE 378
*** MODELOPTs:
               RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002396 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
                                  DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                      DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00
                                                         5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                        13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                        21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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                            15:16:42
                            PAGE 379
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
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SOURCE ID = L0002397 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                    DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
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                            15:16:42
                            PAGE 380
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002398 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
```

```
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                          12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                       21 .0000E+00
                                          20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                             3 .0000E+00 4 .0000E+00
                                                      5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 ***
                            15:16:42
                            PAGE 381
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
               * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002399 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00
                                                       13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                          20 .0000E+00
                                                       21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                     DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                         4 .0000E+00
                                                      5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
                                          12 .0000E+00
                                                       13 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .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 22112 *** *** C:\Users\apol1\Desktop\HARP2\HARP\Pacific
                              09/29/23
San Marcos\Pacific\Pacific ***
 *** AERMET - VERSION 14134 ***
                    ***
                              15:16:42
                              PAGE 382
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                 * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002400 ; SOURCE TYPE = VOLUME :
       SCALAR
               HOUR
                      SCALAR HOUR
                                    SCALAR
                                            HOUR SCALAR HOUR
                                                                SCALAR
     SCALAR HOUR SCALAR HOUR
                                  SCALAR
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00
                2 .0000E+00
                               3 .0000E+00 4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00
                            8 .7200E+01
   9 .7200E+01
                10 .7200E+01
                               11 .7200E+01
                                             12 .7200E+01
                                                           13 .7200E+01
14 .7200E+01
              15 .7200E+01
                            16 .7200E+01
  17 .7200E+01 18 .0000E+00
                               19 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00
                                              4 .0000E+00
                               3 .0000E+00
                                                            5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00
                10
                   .0000E+00
                               11 .0000E+00
                                             12 .0000E+00
                                                           13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00
                18 .0000E+00
                               19 .0000E+00
                                             20 .0000E+00
                                                           21
                                                               .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                        DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00
                               3 .0000E+00 4 .0000E+00
                                                            5
                                                               .0000E+00
 .0000E+00
            7 .0000E+00
                            8 .0000E+00
   9 .0000E+00 10 .0000E+00
                               11 .0000E+00
                                             12 .0000E+00
                                                           13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                               19 .0000E+00
  17 .0000E+00
                18 .0000E+00
                                             20 .0000E+00
                                                           21 .0000E+00
                            24 .0000E+00
22 .0000E+00
              23 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                09/29/23
*** AERMET - VERSION 14134 *** ***
                    ***
                              15:16:42
                              PAGE 383
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                 * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002401
                      ; SOURCE TYPE = VOLUME
                                             :
 HOUR SCALAR HOUR
                      SCALAR HOUR
                                    SCALAR
                                            HOUR SCALAR
                                                          HOUR
                                                                SCALAR
```

DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 21 .0000E+00 20 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SUNDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 ↑ \*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* \*\*\* 15:16:42 PAGE 384 RegDFAULT CONC ELEV RURAL \*\*\* MODELOPTs: \* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \* SOURCE ID = L0002402 ; SOURCE TYPE = VOLUME : HOUR SCALAR DAY OF WEEK = WEEKDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .7200E+01 9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01 13 .7200E+01 14 .7200E+01 15 .7200E+01 16 .7200E+01 17 .7200E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00 DAY OF WEEK = SATURDAY 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

```
9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00
                2 .0000E+00
                              3 .0000E+00
                                          4 .0000E+00
                                                            .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                         21 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
                             09/29/23
San Marcos\Pacific\Pacific ***
*** AERMET - VERSION 14134 *** ***
                             15:16:42
                             PAGE 385
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
SOURCE ID = L0002403 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR
                                 SCALAR
                                       DAY OF WEEK = WEEKDAY
   1 .0000E+00 2 .0000E+00 3 .0000E+00
                                          4 .0000E+00 5 .0000E+00
 .0000E+00 7 .0000E+00 8 .7200E+01
   9 .7200E+01 10 .7200E+01 11 .7200E+01 12 .7200E+01
                                                         13 .7200E+01
14 .7200E+01 15 .7200E+01 16 .7200E+01
  17 .7200E+01 18 .0000E+00 19 .0000E+00
                                                         21 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SATURDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00 4 .0000E+00
                                                        5 .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00
                10 .0000E+00
                             11 .0000E+00
                                           12 .0000E+00
                                                         13 .0000E+00
14 .0000E+00
             15 .0000E+00
                           16 .0000E+00
                                                         21 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                           20 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00 2 .0000E+00
                              3 .0000E+00
                                           4 .0000E+00
                                                            .0000E+00
 .0000E+00 7 .0000E+00 8 .0000E+00
   9 .0000E+00 10 .0000E+00
                                           12 .0000E+00
                             11 .0000E+00
                                                         13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
                                           20 .0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00
                                                         21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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3666005.3, 181.0, 181.0,	0.0);		,
( 480372.1, 3666005.3, 181.0, 3666005.3, 180.9, 180.9,	181.0, 0	0.0);	( 480392.1,
3666005.3, 180.9, 180.9,	0.0);	- •	
( 480412.1, 3666005.3, 180.8,	180.8, 0	0.0);	( 480432.1,
3666005.3, 180.4, 180.4,	0.0);	- •	
( 480292.1, 3666025.3, 180.4, 3666025.3, 180.6, 180.6,	180.4, 0	0.0);	( 480312.1,
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3666045.3, 181.4, 181.4,	0.0);		
(480352.1, 3666045.3, 181.5,	181.5, 0	0.0);	( 480372.1,
3666045.3, 181.6, 181.6,	0.0);		
(480392.1, 3666045.3, 181.5,	181.5, 0	0.0);	( 480412.1,
3666045.3, 181.2, 181.2,	0.0);		
(480432.1, 3666045.3, 180.6,	180.6, 0	0.0);	( 480452.1,
3666045.3, 179.4, 179.4,	0.0);		
(481032.1, 3666045.3, 163.6,	163.6, 0	0.0);	( 481052.1,
3666045.3, 163.7, 163.7,	0.0);		
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( 480272.1, 3666065.3, 179.9,	179.9, 0	0.0);	( 480292.1,
3666065.3, 180.6, 180.6,	0.0);		
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                                        0.0);
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                                                          0.0);
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3666085.3,
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                                        0.0);
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     (480452.1, 3666085.3,
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                                 180.8,
                                                          0.0);
                                                                        ( 480472.1,
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3666085.3,
               179.6,
                                        0.0);
                                 174.0,
     (480572.1, 3666085.3,
                                            174.0,
                                                          0.0);
                                                                        (480592.1,
                          173.2,
3666085.3,
               173.2,
                                        0.0);
                                 172.1,
     (480612.1, 3666085.3,
                                            172.1,
                                                          0.0);
                                                                        (480632.1,
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3666085.3,
               171.7,
                                        0.0);
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3666085.3,
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                                        0.0);
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                          163.8,
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     (481032.1, 3666085.3,
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                                                                        (481052.1,
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                                        0.0);
3666085.3,
               163.9,
                                 163.8,
                                            163.8,
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3666105.3,
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                                                                        (480432.1,
                                            183.1,
3666105.3,
               181.9,
                          181.9,
                                        0.0);
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## PAGE 387

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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San Marcos\Pacific\Pacific ***
                                      09/29/23
 *** AERMET - VERSION 14134 ***
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                                  PAGE 389
 *** MODELOPTs:
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182.6,

181.9,

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165.0,

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(481072.1, 3666205.3,

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3666225.3,

3666225.3,

3666225.3,

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                                            183.4,
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3666245.3,
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3666245.3,
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                                      0.0);
                         173.0,
                                   *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
↑ *** AERMOD - VERSION 22112 ***
San Marcos\Pacific\Pacific ***
                                     09/29/23
*** AERMET - VERSION 14134 ***
                                 15:16:42
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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3666265.3,
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3666285.3,
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★ *** AERMOD - VERSION 22112 ***
                                     *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                       09/29/23
                                    ***
 *** AERMET - VERSION 14134 ***
                                   15:16:42
                                   PAGE 391
 *** MODELOPTs:
                   RegDFAULT CONC ELEV RURAL
                                              *** DISCRETE CARTESIAN RECEPTORS ***
                                            (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
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3666285.3,
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3666285.3,
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3666285.3,
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3666285.3,
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3666285.3,
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185.2,

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★ *** AERMOD - VERSION 22112 ***
San Marcos\Pacific\Pacific ***
                                     09/29/23
 *** AERMET - VERSION 14134 ***
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                                  15:16:42
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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San Marcos\Pacific\Pacific ***
                                      09/29/23
 *** AERMET - VERSION 14134 ***
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                                  15:16:42
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                                            193.2,
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3666385.3,
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                                       0.0);
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                                                         0.0);
                                                                       (481132.1,
3666385.3,
               166.2,
                          166.2,
                                       0.0);
                                187.5,
     (480272.1, 3666405.3,
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                                                                       (480292.1,
3666405.3,
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               187.3,
                                       0.0);
                                187.3,
     (480312.1, 3666405.3,
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3666405.3,
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★ *** AERMOD - VERSION 22112 ***
                                    *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
                                      09/29/23
San Marcos\Pacific\Pacific ***
 *** AERMET - VERSION 14134 ***
                                  15:16:42
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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3666405.3,
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3666405.3,
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                                176.0,
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3666425.3,
     (480352.1, 3666425.3,
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                                                          0.0);
                                                                        (480372.1,
3666425.3,
               187.2,
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                                        0.0);
                                 187.1,
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                                                          0.0);
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3666425.3,
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3666425.3,
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                                 183.1,
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                                                          0.0);
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                          181.3,
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               181.3,
3666425.3,
                                 179.9,
     (480512.1, 3666425.3,
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                                                                         ( 480532.1,
                          179.1,
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3666425.3,
               179.1,
                                 178.6,
                                                                        (480572.1,
     (480552.1, 3666425.3,
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3666425.3,
               178.2,
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                                 177.7,
                                                          0.0);
                                                                        (480612.1,
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3666425.3,
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                          177.0,
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3666425.3,
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3666425.3,
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3666445.3,
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                                                                      (480392.1,
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                                    *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
★ *** AERMOD - VERSION 22112 ***
San Marcos\Pacific\Pacific ***
                                     09/29/23
                                   ***
 *** AERMET - VERSION 14134 ***
                       ***
                                  15:16:42
                                  PAGE 395
 *** MODELOPTs:
                   RegDFAULT CONC ELEV RURAL
                                             *** DISCRETE CARTESIAN RECEPTORS ***
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(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG) (METERS)

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3666445.3,
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3666445.3,
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3666445.3,
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( 480852.1, 3666445.3,
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3666445.3,
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3666445.3,
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                          167.7,
                                 167.6,
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3666465.3,
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3666465.3,
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3666465.3,
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3666465.3,
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                                            176.4,
                                                          0.0);
                                                                         ( 480672.1,
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3666465.3,
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3666465.3,
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3666465.3,
               172.6,
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3666465.3,
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3666465.3,
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3666465.3,
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★ *** AERMOD - VERSION 22112 ***
                                     *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                       09/29/23
                                    ***
 *** AERMET - VERSION 14134 ***
                                   15:16:42
                                   PAGE 396
 *** MODELOPTs:
                   RegDFAULT CONC ELEV RURAL
                                              *** DISCRETE CARTESIAN RECEPTORS ***
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3666485.3,
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3666485.3,
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3666485.3,
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3666485.3,
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182.4,

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196.0,

0.0);

0.0);

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181.8,

3666505.3,

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3666505.3,
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3666525.3,
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3666525.3,
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3666525.3,
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3666545.3,
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3666545.3,
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                                            181.0,
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3666545.3,
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3666545.3,
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3666545.3,
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3666565.3,
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                                     *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
★ *** AERMOD - VERSION 22112 ***
San Marcos\Pacific\Pacific ***
                                       09/29/23
*** AERMET - VERSION 14134 ***
                                   15:16:42
                                   PAGE 397
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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3666565.3,
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3666565.3,
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     (480692.1, 3666605.3,
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3666605.3,
               177.2,
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3666605.3,
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                                                                         (480832.1,
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3666625.3,
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                           199.8,
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3666625.3,
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               185.3,
     (480572.1, 3666625.3,
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                                            195.8,
                                                         0.0);
                                                                        (480592.1,
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                                                                        (480672.1,
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3666625.3,
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3666625.3,
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                          172.9,
                                172.4,
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3666625.3,
               171.9,
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                                        0.0);
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3666625.3,
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                                     *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
★ *** AERMOD - VERSION 22112 ***
                                       09/29/23
San Marcos\Pacific\Pacific ***
 *** AERMET - VERSION 14134 ***
                                   15:16:42
                                   PAGE 398
 *** MODELOPTs:
                   RegDFAULT CONC ELEV RURAL
                                              *** DISCRETE CARTESIAN RECEPTORS ***
                                            (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                             (METERS)
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3666645.3,
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                                                         0.0);
                                                                        (480672.1,
3666645.3,
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                          177.8,
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     (480692.1, 3666645.3,
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                                                         0.0);
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3666645.3,
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3666645.3,
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173.4,

172.6,

173.4,

0.0);

(480812.1, 3666645.3,

172.6,

3666645.3,

0.0);

(480832.1,

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3666665.3,
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3666665.3,
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3666685.3,
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3666685.3,
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3666685.3,
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3666705.3,
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                          194.8,
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3666705.3,
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                                     *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
★ *** AERMOD - VERSION 22112 ***
San Marcos\Pacific\Pacific ***
                                      09/29/23
                                   ***
 *** AERMET - VERSION 14134 ***
                                  15:16:42
                                  PAGE 399
 *** MODELOPTs:
                   RegDFAULT CONC ELEV RURAL
                                              *** DISCRETE CARTESIAN RECEPTORS ***
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3666725.3,
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                                                         0.0);
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3666725.3,
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3666725.3,
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187.7,

196.6,

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174.9,

174.9,

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3666725.3,
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3666745.3,
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3666745.3,
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3666745.3,
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3666745.3,
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3666745.3,
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3666745.3,
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3666765.3,
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3666765.3,
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3666765.3,
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3666765.3,
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3666785.3,
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★ *** AERMOD - VERSION 22112 ***
                                     *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                       09/29/23
                                    ***
 *** AERMET - VERSION 14134 ***
                                   15:16:42
                                   PAGE 400
                   RegDFAULT CONC ELEV RURAL
 *** MODELOPTs:
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171.5,

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★ *** AERMOD - VERSION 22112 ***
                                     *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                      09/29/23
 *** AERMET - VERSION 14134 ***
                                  15:16:42
                                  PAGE 401
 *** MODELOPTs:
                   RegDFAULT CONC ELEV RURAL
                                              *** DISCRETE CARTESIAN RECEPTORS ***
                                            (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
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171.7,

170.4,

171.7,

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170.4,

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3666885.3,

176.7,

176.7,

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★ *** AERMOD - VERSION 22112 ***
San Marcos\Pacific\Pacific ***
                                       09/29/23
 *** AERMET - VERSION 14134 ***
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                                   15:16:42
                                   PAGE 402
 *** MODELOPTs:
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★ *** AERMOD - VERSION 22112 ***
San Marcos\Pacific\Pacific ***
                                       09/29/23
 *** AERMET - VERSION 14134 ***
                                  15:16:42
                                   PAGE 403
 *** MODELOPTs:
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★ *** AERMOD - VERSION 22112 ***
                                     *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                      09/29/23
                                   ***
 *** AERMET - VERSION 14134 ***
                                  15:16:42
                                  PAGE 404
 *** MODELOPTs:
                   RegDFAULT CONC ELEV RURAL
                                              *** DISCRETE CARTESIAN RECEPTORS ***
                                            (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
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3667125.3,

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★ *** AERMOD - VERSION 22112 ***
San Marcos\Pacific\Pacific ***
                                       09/29/23
 *** AERMET - VERSION 14134 ***
                                   ***
                                  15:16:42
                                  PAGE 405
 *** MODELOPTs:
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                                              *** DISCRETE CARTESIAN RECEPTORS ***
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                                                            (METERS)
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San Marcos\Pacific\Pacific ***
                                       09/29/23
                                    ***
 *** AERMET - VERSION 14134 ***
                                   15:16:42
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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↑ *** AERMOD - VERSION 22112 ***
                                     *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                       09/29/23
                                    ***
 *** AERMET - VERSION 14134 ***
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                                   15:16:42
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

(METERS)

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San Marcos\Pacific\Pacific ***
                                       09/29/23
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( 480992.1, 3667625.3, 187.1, 3667625.3, 187.1, 208.1,	208.6,	0.0);	( 481052.1,
( 481072.1, 3667625.3, 186.6, 3667625.3, 186.5, 208.1,	208.1,	0.0);	( 481092.1,
( 481112.1, 3667625.3, 186.3, 3667625.3, 186.0, 208.1,	208.1,	0.0);	( 481132.1,
( 481152.1, 3667625.3, 185.9, 3667625.3, 185.4, 208.1,	208.1,	0.0);	( 481172.1,
( 481192.1, 3667625.3, 184.6, 3667625.3, 183.9, 183.9,	208.1,	0.0);	( 481212.1,
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3667645.3, 187.8, 208.6, ( 481012.1, 3667645.3, 188.0,	208.6,	0.0);	( 481032.1,
3667645.3, 188.2, 208.6, (481052.1, 3667645.3, 188.0,	208.6,	0.0);	( 481072.1,
3667645.3, 187.5, 208.6, (481092.1, 3667645.3, 187.5,	208.1,	0.0);	( 481112.1,
3667645.3, 187.1, 208.1,	0.0);		

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( 481132.1, 3667645.3,
                                 186.5,
                                            208.1,
                                                          0.0);
                                                                         (481152.1,
                           208.1,
                                        0.0);
3667645.3,
               187.0,
     (481172.1, 3667645.3,
                                 186.4,
                                                          0.0);
                                                                         (481192.1,
                                            208.1,
                                        0.0);
3667645.3,
                           208.1,
               185.4,
                                 184.5,
     (481212.1, 3667645.3,
                                            208.1,
                                                          0.0);
                                                                         (481232.1,
3667645.3,
               184.1,
                           208.1,
                                        0.0);
                                 183.6,
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                                            183.6,
                                                          0.0);
                                                                         (481272.1,
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3667645.3.
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                                 182.5,
                                            182.5,
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                                                                         (481312.1,
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                           181.4,
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                                            181.6,
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               181.0,
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3667645.3,
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3667665.3,
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                                 188.9,
     (480992.1, 3667665.3,
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                                                          0.0);
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3667665.3,
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                                            208.6,
                                 189.0,
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                                                                         (481052.1,
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               189.4,
                                        0.0);
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                                                          0.0);
                                                                         (481092.1,
                                        0.0);
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                                                                         (481132.1,
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3667665.3,
               186.9,
                                        0.0);
                                 187.0,
     ( 481152.1, 3667665.3,
                                             208.1,
                                                          0.0);
                                                                         (481172.1,
3667665.3,
                                        0.0);
               186.4,
                           208.1,
     (481192.1, 3667665.3,
                                 185.7,
                                                          0.0);
                                                                         (481212.1,
                                            208.1,
                           208.1,
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3667665.3,
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                                 184.9,
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                                                                         (481292.1,
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                                                                         (481332.1,
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                                                          0.0);
                                                                         (481372.1,
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3667665.3,
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                           180.8,
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                                 190.0,
                                                          0.0);
                                                                         (480952.1,
                                            208.8,
                           208.8,
                                        0.0);
3667685.3,
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                                 190.2,
                                             208.8,
     (480972.1, 3667685.3,
                                                          0.0);
                                                                         (480992.1,
                           208.8,
3667685.3,
               190.2,
                                        0.0);
     (481012.1, 3667685.3,
                                 191.1,
                                                                         (481032.1,
                                             208.8,
                                                          0.0);
3667685.3,
               191.9,
                           208.6,
                                        0.0);
                                 191.8,
                                             208.6,
     (481052.1, 3667685.3,
                                                          0.0);
                                                                         (481072.1,
                           208.1,
3667685.3,
               191.3,
                                        0.0);
                                 192.6,
     (481092.1, 3667685.3,
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                                                                         (481112.1,
               191.5,
                           208.1,
                                        0.0);
★ *** AERMOD - VERSION 22112 ***
                                     *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                       09/29/23
 *** AERMET - VERSION 14134 ***
                                   15:16:42
```

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

/ 401122 1 2667605 2 100 4	200 1	0.0).	/ 401153 1
( 481132.1, 3667685.3, 188.4, 3667685.3, 187.6, 208.1,	208.1,	0.0);	( 481152.1,
( 481172.1. 3667685.3. 187.1.	208.1.	0.0);	( 481192.1,
( 481172.1, 3667685.3, 187.1, 3667685.3, 186.5, 208.1,	0.0);	,,,	
(481212.1, 3667685.3, 185.7,	208.1,	0.0);	( 481232.1,
3667685.3, 185.1, 208.1,	0.0);		
(481252.1, 3667685.3, 184.2,	208.1,	0.0);	( 481272.1,
3667685.3, 183.2, 208.1,	0.0);	0.0).	/ 401212 1
(481292.1, 3667685.3, 182.5,	182.5,	0.0);	( 481312.1,
3667685.3, 182.2, 182.2, (481332.1, 3667685.3, 181.8)	121 2	0.0);	( 481352.1,
( 481332.1, 3667685.3, 181.8, 3667685.3, 181.2, 181.2,	0.0):	0.0),	( 401332.1,
(481372.1, 3667685.3, 180.8,	180.8.	0.0);	( 480932.1,
3667705.3, 191.5, 208.8,	0.0);	,,	(,
( 480952.1, 3667705.3, 191.4,	208.8,	0.0);	( 480972.1,
( 480952.1, 3667705.3, 191.4, 3667705.3, 191.4, 208.8,	0.0);		•
(480992.1, 3667705.3, 191.8,	208.8,	0.0);	( 481012.1,
3667705.3, 194.0, 208.6,	0.0);		
(481032.1, 3667705.3, 195.5,	195.5,	0.0);	( 481052.1,
3667705.3, 194.7, 208.1,	0.0);	٥.٥١	/ 404000 4
(481072.1, 3667705.3, 193.4,	208.1,	0.0);	( 481092.1,
3667705.3, 193.1, 208.1,	0.0);	۵ ۵۱۰	/ 401122 1
( 481112.1, 3667705.3, 192.2,	208.1,	0.0);	( 481132.1,
3667705.3, 190.4, 208.1, (481152.1, 3667705.3, 188.6,	208 1	0.0);	( 481172.1,
3667705.3, 188.1, 208.1,	0.0):	0.0/,	( 4011/2:1)
(481192.1, 3667705.3, 187.4,	208.1.	0.0);	( 481212.1,
3667705.3, 186.3, 208.1,	0.0);	,,	(
(481232.1, 3667705.3, 185.1,		0.0);	( 481252.1,
3667705.3, 184.2, 208.1,	0.0);		
(481272.1, 3667705.3, 183.2,	208.1,	0.0);	( 481292.1,
3667705.3, 182.5, 208.1,	0.0);		
(481312.1, 3667705.3, 182.1,	182.1,	0.0);	( 481332.1,
3667705.3, 181.6, 181.6,		0.01:	/ 404272 4
(481352.1, 3667705.3, 181.0,	181.0,	0.0);	( 481372.1,
3667705.3, 180.6, 180.6, (480052 1 3667725 3 105 7	208 6	a a)·	( 480972.1,
( 480952.1, 3667725.3, 195.7, 3667725.3, 195.5, 208.8,	0 0).	0.0),	( 480972.1,
( 480992.1, 3667725.3, 195.2,	208.8.	0.0):	( 481012.1,
3667725.3, 195.4, 208.6,	0.0);	/,	(
( 481032.1, 3667725.3, 195.4,	208.6,	0.0);	( 481052.1,
3667725.3, 194.6, 208.6,	0.0);		•
(481072.1, 3667725.3, 193.5,	208.6,	0.0);	( 481092.1,
3667725.3, 193.0, 208.1,	0.0);		

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( 481112.1, 3667725.3,
                                 192.2,
                                            208.1,
                                                          0.0);
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3667725.3,
                           208.1,
                                        0.0);
               191.1,
                                 189.8,
     (481152.1, 3667725.3,
                                                                         (481172.1,
                                            208.1,
                                                          0.0);
                          208.1,
                                        0.0);
3667725.3,
               188.7,
                                 187.7,
     (481192.1, 3667725.3,
                                            208.1,
                                                          0.0);
                                                                         (481212.1,
3667725.3,
                                        0.0);
               186.8,
                           208.1,
                                 186.1,
     (481232.1, 3667725.3,
                                            208.1,
                                                          0.0);
                                                                         (481252.1,
                           208.1,
                                        0.0);
3667725.3,
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                                            208.1,
     (481272.1, 3667725.3,
                                 183.1,
                                                          0.0);
                                                                         (481292.1,
                                        0.0);
3667725.3,
               182.6,
                           208.1,
                                 182.1,
     (481312.1, 3667725.3,
                                            208.1,
                                                          0.0);
                                                                         (481332.1,
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               181.9,
                           181.9,
3667725.3,
                                 181.0,
     (481352.1, 3667725.3,
                                                          0.0);
                                                                         (480952.1,
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                           208.6,
3667745.3,
               197.7,
                                        0.0);
                                 198.0,
     (480972.1, 3667745.3,
                                            208.6,
                                                          0.0);
                                                                         (480992.1,
                           208.6,
3667745.3,
               198.0,
                                        0.0);
     (481012.1, 3667745.3,
                                 197.6,
                                            208.6,
                                                          0.0);
                                                                         (481032.1,
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3667745.3,
               196.9,
                                        0.0);
                                 196.0,
                                            208.6,
     (481052.1, 3667745.3,
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                                                                         (481072.1,
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3667745.3,
               194.4,
                           208.6,
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     (481092.1, 3667745.3,
                                            208.6,
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                                                                         (481112.1,
                           208.1,
3667745.3,
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     (481132.1, 3667745.3,
                                            208.1,
                                                          0.0);
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3667745.3,
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                           208.1,
                                 189.4,
     ( 481172.1, 3667745.3,
                                                          0.0);
                                                                         (481192.1,
                                            208.1,
                           208.1,
3667745.3,
               188.4,
                                        0.0);
                                 187.5,
     (481212.1, 3667745.3,
                                            208.1,
                                                          0.0);
                                                                         (481232.1,
                           208.1,
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3667745.3,
               186.9,
                                 184.2,
     (481252.1, 3667745.3,
                                            208.1,
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                                                                         (481272.1,
                           208.1,
3667745.3,
               183.2,
                                        0.0);
                                 182.7,
                                            208.1,
     (481292.1, 3667745.3,
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                                                                         (481312.1,
                           208.1,
3667745.3,
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                                        0.0);
     (481332.1, 3667745.3,
                                 181.9,
                                                          0.0);
                                                                         (480952.1,
                                            181.9,
                           208.8,
                                        0.0);
3667765.3,
               197.6,
                                 199.0,
     (480972.1, 3667765.3,
                                                          0.0);
                                                                         (480992.1,
                                            208.8,
                           208.6,
                                        0.0);
3667765.3,
               200.3,
                                 200.3,
                                            208.6,
     (481012.1, 3667765.3,
                                                          0.0);
                                                                         ( 481032.1,
                           208.6,
3667765.3,
               199.5,
                                        0.0);
     (481052.1, 3667765.3,
                                 198.3,
                                                                         (481072.1,
                                            208.6,
                                                          0.0);
               195.9,
3667765.3,
                           208.6,
                                        0.0);
                                 194.5,
                                            208.6,
     (481092.1, 3667765.3,
                                                          0.0);
                                                                         (481112.1,
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3667765.3,
               193.7,
                                        0.0);
                                 192.9,
                                            208.1,
     (481132.1, 3667765.3,
                                                          0.0);
                                                                         (481152.1,
                           208.1,
3667765.3,
               191.2,
                                        0.0);
                                 190.3,
     (481172.1, 3667765.3,
                                            208.1,
                                                          0.0);
                                                                         (481192.1,
3667765.3,
               189.3,
                           208.1,
                                        0.0);
★ *** AERMOD - VERSION 22112 ***
                                     *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                       09/29/23
                                    ***
 *** AERMET - VERSION 14134 ***
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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

( 481212.1, 3667765.3, 188.3,	208 1	0.0);	( 481232.1,
3667765.3, 187.5, 208.1,	0.0);	0.0/,	( 401232.1)
( 481252.1, 3667765.3, 184.8,	208.1,	0.0);	( 481272.1,
3667765.3, 183.5, 208.1,	0.0);		
(481292.1, 3667765.3, 182.7,	208.1,	0.0);	( 481312.1,
3667765.3, 181.9, 208.1,	0.0);	0.0	/ 400070 4
(481332.1, 3667765.3, 181.7,	208.1,	0.0);	( 480972.1,
3667785.3, 200.8, 208.8, (480992.1, 3667785.3, 201.0,	200 0	0.0);	( 481012.1,
3667785.3, 200.3, 208.8,	0.0):	0.0),	( 401012.1,
(481032.1, 3667785.3, 199.1,	208.8.	0.0);	( 481052.1,
3667785.3, 197.6, 208.8,	0.0);	,,	(,
(481072.1, 3667785.3, 195.9,	208.8,	0.0);	( 481092.1,
3667785.3, 194.7, 208.8,	0.0);		
( 481112.1, 3667785.3, 193.6,	208.6,	0.0);	( 481132.1,
3667785.3, 192.5, 208.1,	0.0);	>	
(481152.1, 3667785.3, 191.8,	208.1,	0.0);	( 481172.1,
3667785.3, 190.4, 208.1,		0 0).	/ 401313 1
( 481192.1, 3667785.3, 189.0, 3667785.3, 187.7, 208.1,	200.1, a a)·	0.0);	( 481212.1,
(481232.1, 3667785.3, 186.6,	208.1.	0.0);	( 481252.1,
3667785.3, 184.9, 208.1,	0.0);	0.0/,	( 101232.1)
( 481272.1, 3667785.3, 183.7,	208.1,	0.0);	( 481292.1,
( 481272.1, 3667785.3, 183.7, 3667785.3, 182.7, 208.1,	0.0);	, -	•
(481312.1, 3667785.3, 181.7,	208.1,	0.0);	( 481332.1,
3667785.3, 180.9, 208.1,	0.0);		
(481352.1, 3667785.3, 180.6,	180.6,	0.0);	( 480972.1,
3667805.3, 203.8, 208.6,		0.0).	/ 401012 1
(480992.1, 3667805.3, 202.5,	208.8,	0.0);	( 481012.1,
3667805.3, 201.8, 208.8, (481032.1, 3667805.3, 201.3,	208 6	0.0);	( 481052.1,
3667805.3, 200.4, 208.1,	0.0):	0.0/,	( 401032.1)
(481072.1, 3667805.3, 199.6,	208.1,	0.0);	( 481092.1,
3667805.3, 197.0, 208.1,	0.0);	,,	,
(481112.1, 3667805.3, 194.0,	208.6,	0.0);	( 481132.1,
3667805.3, 191.8, 208.8,	0.0);		
( 481152.1, 3667805.3, 191.7,	208.1,	0.0);	( 481172.1,
3667805.3, 190.1, 208.1,	0.0);	0.0	/ 404040 4
(481192.1, 3667805.3, 188.6,		0.0);	( 481212.1,
3667805.3, 187.4, 208.1, (481232.1, 3667805.3, 186.4,		9 9).	( 481252.1,
3667805.3, 185.2, 208.1,		0.0/,	\ <del>-</del> 01272.1,
200.200.2)	···/,		

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( 481272.1, 3667805.3,
                                            208.1,
                                                          0.0);
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3667805.3,
                           208.1,
                                        0.0);
               182.7,
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                                 181.4,
                                                                         (481332.1,
                                            208.1,
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                                        0.0);
3667805.3,
                           208.1,
               180.2,
                                 180.3,
     (481352.1, 3667805.3,
                                            208.1,
                                                          0.0);
                                                                         (480992.1,
3667825.3,
                           208.6,
               205.2,
                                        0.0);
                                 205.3,
     (481012.1, 3667825.3,
                                            206.6,
                                                          0.0);
                                                                         (481032.1,
                           206.6,
                                        0.0);
3667825.3,
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                                 207.3,
     (481052.1, 3667825.3,
                                            207.7,
                                                          0.0);
                                                                         (481072.1,
                                        0.0);
3667825.3,
               207.5,
                           208.1,
     (481092.1, 3667825.3,
                                 201.5,
                                            208.1,
                                                          0.0);
                                                                         ( 481112.1,
3667825.3,
                                        0.0);
               195.0,
                           208.1,
                                 190.8,
     (481132.1, 3667825.3,
                                                          0.0);
                                                                         (481152.1,
                                            208.8,
                           208.1,
3667825.3,
               190.7,
                                        0.0);
                                 189.3,
     (481172.1, 3667825.3,
                                            208.1,
                                                          0.0);
                                                                         (481192.1,
                           208.1,
3667825.3,
               188.2,
                                        0.0);
     (481212.1, 3667825.3,
                                 187.3,
                                            208.1,
                                                          0.0);
                                                                         (481232.1,
                           208.1,
                                        0.0);
3667825.3,
               186.8,
                                            208.1,
     ( 481252.1, 3667825.3,
                                 185.8,
                                                          0.0);
                                                                         (481272.1,
                                        0.0);
               184.3,
3667825.3,
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                                                          0.0);
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3667845.3,
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                                                                         ( 481072.1,
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3667845.3,
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                                                                         (481112.1,
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                                                          0.0);
                                                                         (481152.1,
3667845.3,
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                           208.8,
                                        0.0);
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                                                                         (481272.1,
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3667845.3,
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3667865.3,
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                           208.0,
                                        0.0);
↑ *** AERMOD - VERSION 22112 ***
                                     *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                       09/29/23
```

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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

(481092.1, 3667865.3, 203.7		0.0);	( 481112.1,
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( 481172.1, 3667865.3, 188.1	, 208.8,	0.0);	( 481192.1,
3667865.3, 187.5, 208.1,	0.0);	, .	,
( 481212.1, 3667865.3, 186.5	. 208.1.	0.0);	( 481232.1,
3667865.3, 185.6, 208.1,	0.0):	0.07,	( .0==0=+=)
( 481252.1, 3667865.3, 183.4	. 208.1.	0.0);	( 481272.1,
3667865.3, 182.2, 208.1,	, 2001 <u>1</u> ,	0.07,	( 1011/11/1
( /81292 1 3667865 3 181 /	208 1	0.0);	( 481012.1,
(481292.1, 3667865.3, 181.4	, 200.1, a a\.	0.0),	( 401012.1,
3667885.3, 207.2, 207.2, (481832.1, 3667885.3)	207 0	0 0).	/ /01052 1
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(481072.1, 3667885.3, 205.0	, 208.0,	0.0);	( 481092.1,
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3667905.3, 199.0, 208.8,	0.0);	,,	`
( 481072.1, 3667905.3, 195.5		0.0);	( 481092.1,
3667905.3, 192.1, 208.8,	0.0):	,,	(
( 481112.1, 3667905.3, 189.5	. 208.8.	0.0);	( 481132.1,
3667905.3, 187.7, 208.8,	0.0):	0.07,	( .02252.2)
(481152.1, 3667905.3, 185.9	208 8	0.0);	( 481172.1,
3667905.3, 184.7, 208.8,	0 01:	0.0),	( 4011/2.1)
( 481192.1, 3667905.3, 183.6	200	0 0).	/ /01/022 1
(401192.1, 3007903.3, 103.0	, 200.0, aa\.	0.0);	( 481032.1,
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(481052.1, 3667925.3, 190.9		0.0);	( 481072.1,
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                                        0.0);
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                                            208.8,
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<sup>★ \*\*\*</sup> AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific \*\*\* 09/29/23

<sup>\*\*\*</sup> AERMET - VERSION 14134 \*\*\* \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

\*\*\* METEOROLOGICAL DAYS SELECTED FOR

PROCESSING \*\*\*

(1=YES; 0=NO)

1111111111 111111111111 1 1 1 1 1 1 1 1 1 1 1 1 1 1111111 11111111111 1111111111 1 1 1 1 1 1 1 1 1 1 1111111111 1 1 1 1111111111 1111111111 1111111111 1111111111 1 1 1 1 1 1 1 1 1 1 1 1 1 1111111111 1 1 1 1 1 1 1 1111111111 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,

↑ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 09/29/23

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

\*\*\* 15:16:42

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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

DATA \*\*\*

Surface file: ..\722927\722927.SFC

Met Version: 14134

Profile file: ..\722927\722927.PFL

Surface format: FREE

Profile format: FREE

Upper air station no.: 3190 Surface station no.: 3177

> Name: UNKNOWN Name: UNKNOWN

Year: 2009 Year: 2009

First 24 hours of scalar data YR MO DY JDY HR HO U\* W\* DT/DZ ZICNV ZIMCH M-O LEN ZO BOWEN ALBEDO REF WS WD HT REF TA HT 09 01 01 1 01 -999.0 -9.000 -9.000 -9.000 -999. -999. -9999.0 0.25 1.10 1.00 0.00 0. 10.0 282.0 2.0 09 01 01 1 02 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.25 1.10 0.00 0. 10.0 280.9 2.0 1.00 09 01 01 1 03 -6.5 0.115 -9.000 -9.000 -999. 94. 21.0 0.24 1.10 1.76 134. 10.0 279.9 2.0

09 01 01 1 04 -999.0 -9.000 -9.000 -9.000 -999. -999. -9999.0 0.25 0.00 0. 10.0 278.8 2.0

09 01 01 1 05 -999.0 -9.000 -9.000 -9.000 -999. -999. -9999.0 0.25 0.00 0. 10.0 278.8 2.0 1.00

09 01 01 1 06 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.25 1.10

1.00 0.00 0. 10.0 279.2 2.0 09 01 01 1 07 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.25 0.00 0. 10.0 279.9 2.0

09 01 01 1 08 -999.0 -9.000 -9.000 -9.000 -999. -9999. -99999.0 0.25

0.00 0. 10.0 280.4 2.0 09 01 01 1 09 31.7 -9.000 -9.000 -9.000 64. -999. -99999.0 0.25 0.30 0.00 0. 10.0 282.0 2.0 1.10

09 01 01 1 10 82.9 -9.000 -9.000 -9.000 137. -999. -99999.0 0.25 1.10

0.23 0.00 0. 10.0 284.9 2.0

09 01 01 1 11 118.4 -9.000 -9.000 -9.000 220. -999. -99999.0 0.25 1.10 0.00 0. 10.0 287.5 2.0 0.21

09 01 01 1 12 134.6 0.401 1.053 0.007 311. 608. -42.8 0.36

2.86 256. 10.0 287.0 2.0 0.20 09 01 01 1 13 132.0 0.346 1.151 0.007 414. 490. -28.1 0.36 1.10

2.36 273. 10.0 286.4 2.0

09 01 01 1 14 111.2 0.341 1.148 0.007 487. 478. -31.9 0.36 1.10

2.36 249. 10.0 287.0 2.0

09 01 01 1 15 71.9 0.383 1.046 0.007 570. 568. -69.8 0.36

2.86 282. 10.0 285.9 2.0

09 01 01 1 16 1.2 0.344 0.264 0.007 566. 486. -3141.2 0.36 1.10

2.86 264. 10.0 283.8 2.0 0.33

0.00 0. 10.0 283.1 2.0 0.61

09 01 01 1 18 -13.0 0.233 -9.000 -9.000 -999. 270. 87.2 0.31 1.10

1.00 2.36 237. 10.0 283.1 2.0

```
09 01 01 1 19 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.25
                                                                    1.10
1.00
              0. 10.0 283.1
                                 2.0
       0.00
                                                        9.9 0.10
1.10
       1.76 87.
                  10.0 283.1
                                 2.0
          1 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -9999.0 0.25
09 01 01
                                                                    1.10
1.00
       0.00
              0.
                   10.0 283.1
                                 2.0
          1 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.25
                                                                    1.10
1.00
       0.00
                   10.0 282.5
                                 2.0
              0.
          1 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.25
09 01 01
                                                                    1.10
                   10.0 282.5
                                 2.0
       0.00
              0.
          1 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.25
09 01 01
                                                                    1.10
                   10.0 282.0
1.00
       0.00
              0.
                                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 -999. -99.00 282.1 99.0 -99.00 -99.00
F indicates top of profile (=1) or below (=0)
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                               15:16:42
                               PAGE 414
 *** MODELOPTs:
                 RegDFAULT CONC ELEV RURAL
                           *** THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION
                               ***
VALUES FOR SOURCE GROUP: ALL
                               INCLUDING SOURCE(S): L0000787
                                                                 , L0000788
, L0000789
             , L0000790
                          , L0000791
                         , L0000793
                                       , L0000794 , L0000795
               L0000792
                                                                 , L0000796
                         , L0000799
, L0000797
            , L0000798
                         , L0000801
               L0000800
                                       , L0000802
                                                   , L0000803
                                                                 , L0000804
                         , L0000807
            , L0000806
 L0000805
                         , L0000809
                                      , L0000810
               L0000808
                                                    , L0000811
                                                                 , L0000812
, L0000813
            , L0000814
                         , . . .
                                         *** DISCRETE CARTESIAN RECEPTOR POINTS
                                     ** CONC OF PM 10 IN MICROGRAMS/M**3
      X-COORD (M) Y-COORD (M) CONC
                                                             X-COORD (M)
Y-COORD (M)
                 CONC
        480392.09 3665985.32 0.18773
                                                               480412.09
3665985.32 0.18730
```

480332.09 3666005.32	0 20240	480352.09
3666005.32 0.19829	0.20340	460332.09
480372.09 3666005.32	0.19669	480392.09
3666005.32 0.19535		
480412.09 3666005.32	0.19442	480432.09
3666005.32 0.19569		
480292.09 3666025.32	0.22255	480312.09
3666025.32 0.21869		
480332.09 3666025.32	0.21452	480352.09
3666025.32 0.21007 480372.09 3666025.32	0.20792	480392.09
2666975 22 0 20696		400332.03
480412.09 3666025.32	0.20490	480432.09
200000 22 0 20000		
481052.09 3666025.32	0.37015	480252.09
3666045.32 0.25168		
480272.09 3666045.32	0.24294	480292.09
3666045.32 0.23416	0.22942	400222 00
480312.09 3666045.32 3666045.32 0.22602		
480352.09 3666045.32	0.22312	480372.09
3666045.32 0.22007	0.22312	400372.03
480392.09 3666045.32	0.21820	480412.09
3666045.32 0.21765		
480432.09 3666045.32	0.21978	480452.09
3666045.32 0.22504 481032.09 3666045.32		
481032.09 3666045.32	0.37376	481052.09
3666045.32 0.38185 480192.09 3666065.32	a 20227	480212.09
3666065.32 0.27163	0.28227	400212.03
480232.09 3666065.32	0.26563	480252.09
3666065.32 0.26145		
480272.09 3666065.32	0.25658	480292.09
3666065.32 0.25015		
480312.09 3666065.32	0.24476	480332.09
3666065.32 0.23787	0. 22007	400272 00
480352.09 3666065.32 3666065.32 0.22339	0.22987	480372.09
480392.09 3666065.32	0 22755	480412.09
3666065.32 0.23163	0.22733	400412.03
480432.09 3666065.32	0.23361	480452.09
3666065.32 0.23305		
480612.09 3666065.32	0.26665	480632.09
3666065.32 0.26906		
480652.09 3666065.32	0.2/269	480992.09
3666065.32 0.36718 481012.09 3666065.32	0 37581	481032.09
3666065.32 0.38456	0.0/001	401032.03
481052.09 3666065.32	0.39326	480192.09
3666085.32 0.28950		

480212.09 3666085.32	0.27929	480232.09
3666085.32 0.27466 480252.09 3666085.32	0.27170	480272.09
3666085.32 0.26682		
480292.09 3666085.32	0.25834	480312.09
3666085.32 0.25250	0.24504	480352.09
480332.09 3666085.32 3666085.32 0.23860	0.24584	480352.09
480372.09 3666085.32	0.23325	480392.09
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480412.09 3666085.32	0.24215	480432.09
3666085.32 0.24600	0.24606	480473 00
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3666085.32 0.27956		
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3666085.32 0.28489	0.29604	480972.09
480652.09 3666085.32 3666085.32 0.36932	0.28694	480972.09
480992.09 3666085.32	0.37812	481012.09
3666085.32 0.38697		
481032.09 3666085.32	0.39615	481052.09
3666085.32 0.40553 481072.09 3666085.32	0. 41472	480103.00
3666105.32 0.29296	0.41472	480192.09
480212.09 3666105.32	0.28746	480232.09
3666105.32 0.28481		
↑ *** AERMOD - VERSION 22112 *** San Marcos\Pacific\Pacific ***	*** C:\Users\apol1\Desk	<pre>ctop\HARP2\HARP\Pacific</pre>
San Marcos\Pacific\Pacific ***  *** AERMET - VERSION 14134 ***	09/29/23 ***	
*** AERMEI - VERSION 14134 ***	15 · 16 · 42	
•	13.10.42	
	PAGE 415	
*** MODELOPTs: RegDFAULT CONC	ELEV RURAL	
***	THE PERIOD ( 43872 HRS) A	VERAGE CONCENTRATION
	***	VENAGE CONCENTRATION
	INCLUDING SOURCE(S):	L0000787 , L0000788
, L0000789 , L0000790 , L0000	_	
L0000792 , L000	-	L0000795 , L0000796
, L0000797 , L0000798 , L0000	, LOOGOO	1,000,000

, L0000801

, L0000807

, L0000809

, L0000802

, L0000810

L0000800

L0000808

, L0000806

, L0000814

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

, L0000803

, L0000811

, L0000804

, L0000812

\*\*\*

, L0000805

, L0000813

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X-COORD (M) Y-COORD (M) Y-COORD (M) CONC	CONC	X-COORD (M)
480252.09 3666105.32	0.28127	480272.09
3666105.32 0.27368 480292.09 3666105.32	0.06046	
2666405 22 0 25440		480312.09
480332.09 3666105.32	0.25067	480352.09
3666105.32 0.24804		
480372.09 3666105.32	0.24672	480392.09
3666105.32 0.24672 480412.09 3666105.32	0 25075	480432.09
3666105.32 0.25775	0.23073	488432.89
480452.09 3666105.32	0.26561	480472.09
3666105.32 0.26375 480532.09 3666105.32		
480532.09 3666105.32	0.29526	480552.09
3666105.32 0.29853 480572.09 3666105.32	a 20965	480592.09
3666105.32 0.30043	0.29803	480392.09
3666105.32 0.30043 480612.09 3666105.32	0.30287	480632.09
3666105.32 0.30335		
480652.09 3666105.32	0.30450	480672.09
3666105.32 0.31101 480952.09 3666105.32	0 27270	480972.09
3666105.32 0.38102		480972.09
480992.09 3666105.32	0.39007	481012.09
3666105.32 0.39916		
481032.09 3666105.32		481052.09
3666105.32 0.41856 481072.09 3666105.32	0 12015	480192.09
3666125.32 0.29715	0.42043	480192.09
480212.09 3666125.32	0.29382	480232.09
3666125.32 0.28980		
480252.09 3666125.32	0.28524	480272.09
3666125.32 0.27975 480292.09 3666125.32	0 27127	480312.09
3666125.32 0.26626	0.2/13/	480312.09
480332.09 3666125.32	0.26251	480352.09
3666125.32 0.25993		
480372.09 3666125.32	0.25901	480392.09
3666125.32 0.26173 480412.09 3666125.32	0.26570	480432.09
3666125.32 0.27315	0.203/0	400432.03
480452.09 3666125.32	0.28553	480472.09
3666125.32 0.28556		
480492.09 3666125.32	0.29895	480512.09

3666125.32 0.31001 480532.09 3666125.32	0.31595	480552.09
3666125.32 0.32007		
480572.09 3666125.32 3666125.32 0.32149	0.32034	480592.09
480612.09 3666125.32	0.32376	480632.09
3666125.32 0.32617 480652.09 3666125.32	0.32677	480672.09
3666125.32 0.32684		
480692.09 3666125.32 3666125.32 0.37817	0.33063	480932.09
480952.09 3666125.32	0.38606	480972.09
3666125.32 0.39449 480992.09 3666125.32	0 40321	481012.09
3666125.32 0.41273		401012:03
481032.09 3666125.32 3666125.32 0.43214	0.42232	481052.09
481072.09 3666125.32	0.44283	481092.09
3666125.32 0.45325 480192.09 3666145.32	0.20254	480212.09
3666145.32 0.30117	0.30354	480212.09
480232.09 3666145.32	0.29681	480252.09
3666145.32 0.29085 480272.09 3666145.32	0.28372	480292.09
3666145.32 0.27843		
480312.09 3666145.32 3666145.32 0.27191	0.27476	480332.09
480352.09 3666145.32	0.26990	480372.09
3666145.32 0.26891 480392.09 3666145.32	0.27200	480412.09
3666145.32 0.28178		.00 .12.03
480432.09 3666145.32 3666145.32 0.30872	0.29506	480452.09
480472.09 3666145.32	0.31214	480492.09
3666145.32 0.32257 480512.09 3666145.32	0.33168	480532.09
3666145.32 0.33678	0.33108	400332.09
*** AERMOD - VERSION 22112 *** **	•	2\HARP\Pacific
<pre>San Marcos\Pacific\Pacific ***  *** AERMET - VERSION 14134 *** ***</pre>	99/29/23	
*** 15:10	5:42	
PAGE	416	
*** MODELOPTs: RegDFAULT CONC ELI		
*** THE I	PERIOD ( 43872 HRS) AVERAGE CO	ONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***	•	
INCLU , L0000789 , L0000790 , L0000791	JDING SOURCE(S): L0000787	, L0000788
L0000792 , L0000793		, L0000796

```
, L0000797 , L0000798 , L0000799
            L0000800 , L0000801
                                 , L0000802 , L0000803 , L0000804
         , L0000806          , L0000807
, L0000805
            L0000808 , L0000809 , L0000810 , L0000811 , L0000812
, L0000813      , L0000814      ,    .    .
                                   *** DISCRETE CARTESIAN RECEPTOR POINTS
                               ** CONC OF PM 10 IN MICROGRAMS/M**3
               **
     X-COORD (M) Y-COORD (M) CONC
                                                     X-COORD (M)
Y-COORD (M) CONC
480552.09 3666145.32 0.34154
                                                      480572.09
3666145.32 0.34288
      480592.09 3666145.32 0.34378
                                                      480612.09
3666145.32 0.34521
      480632.09 3666145.32
                              0.34796
                                                      480652.09
3666145.32 0.34983
      480672.09 3666145.32
                              0.34950
                                                      480692.09
3666145.32 0.35170
      480912.09 3666145.32 0.38716
                                                      480932.09
3666145.32 0.39400
      480952.09 3666145.32
                              0.40156
                                                      480972.09
3666145.32 0.40977
      480992.09 3666145.32 0.41856
                                                      481012.09
3666145.32 0.42808
      481032.09 3666145.32
                              0.43769
                                                      481052.09
3666145.32 0.44758
       481072.09 3666145.32 0.45867
                                                      481092.09
3666145.32 0.46971
      480212.09 3666165.32
                                                      480232.09
                              0.31148
3666165.32 0.30827
      480252.09 3666165.32
                             0.30043
                                                      480272.09
3666165.32 0.28751
      480292.09 3666165.32 0.28376
                                                      480312.09
3666165.32 0.28180
      480332.09 3666165.32
                              0.28041
                                                      480352.09
3666165.32 0.27898
      480372.09 3666165.32
                              0.27706
                                                      480392.09
3666165.32 0.27768
      480412.09 3666165.32
                              0.29692
                                                      480432.09
3666165.32 0.32241
      480452.09 3666165.32 0.33557
                                                      480472.09
3666165.32 0.34072
```

480512.09

480492.09 3666165.32 0.34507

3666165.32 0.35062

480532.09 3666165.32	0.35719	480552.09
3666165.32 0.36216 480572.09 3666165.32		480592.09
3666165.32 0.36618		
480612.09 3666165.32	0.36638	480632.09
3666165.32 0.36834 480652.09 3666165.32	A 27200	480672.09
3666165.32 0.37533	0.37299	480672.09
480692.09 3666165.32	0.37783	480712.09
3666165.32 0.37953		
480892.09 3666165.32	0.40086	480912.09
3666165.32 0.40603		
480932.09 3666165.32	0.41235	480952.09
3666165.32 0.41962		
480972.09 3666165.32	0.42736	480992.09
3666165.32 0.43633	0.44562	481633 60
481012.09 3666165.32 3666165.32 0.45523	0.44563	481032.09
481052.09 3666165.32	0 46534	481072.09
3666165.32 0.47638	0.40354	401072.03
481092.09 3666165.32	0.48764	480212.09
3666185.32 0.32570		
480232.09 3666185.32	0.32176	480252.09
3666185.32 0.31478		
480272.09 3666185.32	0.30525	480292.09
3666185.32 0.29894	0.00010	400000
480312.09 3666185.32 3666185.32 0.29421	0.29312	480332.09
480352.09 3666185.32	0 20025	480372.09
3666185.32 0.30262	0.30033	480372.09
480392.09 3666185.32	0.30539	480412.09
3666185.32 0.31809		
480432.09 3666185.32	0.33622	480452.09
3666185.32 0.34945		
480472.09 3666185.32	0.35892	480492.09
3666185.32 0.36514		
480512.09 3666185.32	0.36987	480532.09
3666185.32 0.37433 480552.09 3666185.32	0 28172	480572.09
3666185.32 0.38555	0.38172	480372.09
480592.09 3666185.32	0.38834	480612.09
3666185.32 0.39096		
480632.09 3666185.32	0.39411	480652.09
3666185.32 0.39485		
480672.09 3666185.32	0.39804	480692.09
3666185.32 0.40077		
*** AERMOD - VERSION 22112 ***		top\HARP2\HARP\Pacific
<pre>San Marcos\Pacific\Pacific ***   *** AERMET - VERSION 14134 ***</pre>		
	15:16:42	
	13.10.72	

## PAGE 417

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PI VALUES FOR SOURCE GROUP: ALL ***	ERIOD ( 43872 HRS) AVE	RAGE CONCENTRATION
	DING SOURCE(S): L0	000787 , L0000788
, L0000789 , L0000790 , L0000791	,	1000705
L0000792 , L0000793 , L0000797 , L0000798 , L0000799		0000795 , L0000796
L0000800 , L0000801		000803 , L0000804
, L0000805 , L0000806 , L0000807		
L0000808 , L0000809 , L0000813 , L0000814 ,		0000811 , L0000812
, 10000813 , 10000814 ,	,	
	*** DISCRETE CAR	TESIAN RECEPTOR POINTS
***		
	** CONC OF PM 10 I	N MICROGRAMS/M**3
**	_	,
V COORD (M) V COORD (M)	CONC	V COORD (M)
X-COORD (M) Y-COORD (M) Y-COORD (M) CONC	CONC	X-COORD (M)
480712.09 3666185.32 3666185.32 0.42001	0.40196	480872.09
480892.09 3666185.32	0.42381	480912.09
3666185.32 0.42861		
480932.09 3666185.32	0.43410	480952.09
3666185.32 0.44068 480972.09 3666185.32	0.44810	480992.09
3666185.32 0.45658	0111020	100352103
481012.09 3666185.32	0.46592	481032.09
3666185.32 0.47567 481052.09 3666185.32	0.48581	481072.09
3666185.32 0.49642	0.40301	401072.09
481092.09 3666185.32	0.50774	481112.09
3666185.32 0.51980	0.24255	400222 00
480212.09 3666205.32 3666205.32 0.33856	0.34255	480232.09
	0.33242	480272.09
3666205.32 0.32500		
480292.09 3666205.32 3666205.32 0.31313	0.31922	480312.09
	0.31459	480352.09
3666205.32 0.32198		
480372.09 3666205.32	0.32434	480392.09
3666205.32 0.32664		

480432.09

480412.09 3666205.32 0.33641

3666205.32 0.34913		
480452.09 3666205.32	0.36232	480472.09
	0.30232	100 17 21 03
3666205.32 0.37276 480492.09 3666205.32	0.38134	480512.09
3666205.32 0.38719		
480532.09 3666205.32	0.39155	480552.09
3666205.32 0.39969		
480572.09 3666205.32	0.40432	480592.09
3666205.32 0.40812		
480612.09 3666205.32	0.41196	480632.09
3666205.32 0.41659		
480652.09 3666205.32	0.41658	480672.09
3666205.32 0.42089		
480692.09 3666205.32	0.42481	480712.09
3666205.32 0.42599		
480732.09 3666205.32	0.42969	480852.09
3666205.32 0.44326		
480872.09 3666205.32	0.44620	480892.09
3666205.32 0.44920		
480912.09 3666205.32	0.45431	480932.09
3666205.32 0.45943		
480952.09 3666205.32	0.46536	480972.09
3666205.32 0.47224		481012.09
480992.09 3666205.32	0.48025	481012.09
3666205.32 0.48926		481052.09
481032.09 3666205.32		
3666205.32 0.50897		481092.09
481072.09 3666205.32	0.51960	481092.09
3666205.32 0.53081		
481112.09 3666205.32	0.54286	480212.09
3666225.32 0.35957	0. 35630	400353 00
480232.09 3666225.32	0.35639	480252.09
3666225.32 0.35108	0. 24442	400202 00
480272.09 3666225.32 3666225.32 0.34444	0.34442	480292.09
	0. 24406	490222 00
480312.09 3666225.32	0.34406	480332.09
3666225.32 0.34411 480352.09 3666225.32	A 24201	480372.09
3666225.32 0.34134	0.34391	480372.09
480392.09 3666225.32	0 24040	480412.09
3666225.32 0.35055	0.54049	480412.03
480432.09 3666225.32	0 36500	480452.09
3666225.32 0.37546	0.50500	+00+32:03
480472.09 3666225.32	0.38339	480492.09
3666225.32 0.39491	0.30333	100.152.05
480512.09 3666225.32	0.40419	480532.09
3666225.32 0.41016	J J J	.00332.03
480552.09 3666225.32	0.41674	480572.09
3666225.32 0.42178		
480592.09 3666225.32	0.42525	480612.09

```
3666225.32 0.42902
      480632.09 3666225.32 0.43558
                                                      480652.09
3666225.32 0.43786
      480672.09 3666225.32
                              0.44313
                                                      480692.09
3666225.32 0.44809
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                          15:16:42
                           PAGE 418
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
                       *** THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                           INCLUDING SOURCE(S): L0000787 , L0000788
, L0000789 , L0000790 , L0000791
             L0000792 , L0000793 , L0000794 , L0000795 , L0000796
, L0000805 , L0000806 , L0000807
             L0000808 , L0000809 , L0000810 , L0000811 , L0000812
, L0000813     , L0000814     ,  . .
                                   *** DISCRETE CARTESIAN RECEPTOR POINTS
                               ** CONC OF PM 10 IN MICROGRAMS/M**3
              **
     X-COORD (M) Y-COORD (M) CONC
                                                     X-COORD (M)
Y-COORD (M) CONC
480712.09 3666225.32 0.45094
                                                      480732.09
3666225.32 0.45230
      480832.09 3666225.32 0.46812
                                                      480852.09
3666225.32
              0.47102
       480872.09 3666225.32 0.47312
                                                      480892.09
3666225.32
             0.47611
      480912.09 3666225.32
                              0.48277
                                                      480932.09
3666225.32 0.48852
       480952.09 3666225.32 0.49398
                                                      480972.09
3666225.32
             0.50030
      480992.09 3666225.32
                              0.50783
                                                      481012.09
3666225.32 0.51640
       481032.09 3666225.32 0.52580
                                                      481052.09
3666225.32 0.53576
      481072.09 3666225.32 0.54632
                                                      481092.09
3666225.32 0.55735
```

481112.09 3666225.32	0.56905	481132.09
3666225.32 0.58234		
480212.09 3666245.32	0.37903	480232.09
3666245.32 0.37779		
480252.09 3666245.32 3666245.32 0.36618	0.3/284	480272.09
480292.09 3666245.32	0.36770	480312.09
3666245.32 0.36836		
480332.09 3666245.32	0.36898	480352.09
3666245.32 0.36963		
480372.09 3666245.32	0.37045	480392.09
3666245.32 0.37392 480412.09 3666245.32	0 38001	480432.09
2666245 22 0 20075		480432.09
480452.09 3666245.32	0.39817	480472.09
3666245.32 0.40679		
480492.09 3666245.32		480512.09
3666245.32 0.42213		480552.09
480532.09 3666245.32 3666245.32 0.43054		
480572.09 3666245.32	0.43656	480592.09
3666245.32 0.44126		
480612.09 3666245.32	0.44560	480632.09
3666245.32 0.45172	0 45504	400470 00
480652.09 3666245.32	0.45/01	480672.09
3666245.32 0.46151 480692.09 3666245.32	0.46658	480712.09
3666245.32 0.47272	0.10030	1007 12105
480732.09 3666245.32	0.47649	480752.09
3666245.32 0.48141		
480812.09 3666245.32 3666245.32 0.49749	0.49390	480832.09
480852.09 3666245.32	0 50067	480872.09
3666245.32 0.50300	0.30007	400072:03
480892.09 3666245.32	0.50582	480912.09
3666245.32 0.51173		
480932.09 3666245.32	0.51969	480952.09
3666245.32 0.52636 480972.09 3666245.32	0 53236	480992.09
3666245.32 0.53952	0.33230	400332.03
481012.09 3666245.32	0.54764	481032.09
3666245.32 0.55666		
481052.09 3666245.32	0.56665	481072.09
3666245.32 0.57774 481092.09 3666245.32	0 58845	481112.09
3666245.32 0.59980	0.30043	401112.09
481132.09 3666245.32	0.61294	480212.09
3666265.32 0.39354		
480232.09 3666265.32	0.39559	480252.09
3666265.32 0.39274		

480272.09 3666265.32	0.38794	480292.09
3666265.32 0.39008		
480312.09 3666265.32	0.39175	480332.09
3666265.32 0.39409		
480352.09 3666265.32	0.39778	480372.09
3666265.32 0.40361		
480392.09 3666265.32	0.41152	480412.09
3666265.32 0.41506		
480432.09 3666265.32	0.41712	480452.09
3666265.32 0.42188	0.40400	400400 00
480472.09 3666265.32	0.43423	480492.09
3666265.32 0.43994	0.440=0	400500 00
480512.09 3666265.32	0.44370	480532.09
3666265.32 0.44819	* C.\  \ \	2) HADD) D ' C' -
*** AERMOD - VERSION 22112 *** ***	* C:\Users\apoll\Desktop\HAKP	2\HAKP\Pac1f1c
San Marcos\Pacific\Pacific ***		
*** AERMET - VERSION 14134 *** ***		
*** 15:16	5:42	
DACE	410	
PAGE		
*** MODELOPTs: RegDFAULT CONC ELE	EV RURAL	
*** TUE E	DEDIOD ( 42072 UDC) AVEDACE C	
	PERIOD ( 43872 HRS) AVERAGE C	UNCENTRATION
VALUES FOR SOUNCE GROOF. ALL	IDING COURCE(C). 1 0000707	1,000,070,0
	JDING SOURCE(S): L0000787	, L0000788
, L0000789 , L0000790 , L0000791 L0000792 , L0000793	, 3 , L0000794 , L0000795	1,000,070,6
, L0000797 , L0000798 , L0000799	•	, L0000796
L0000800 , L0000801	-	, L0000804
, L0000805 , L0000806 , L0000807		, 10000004
L0000808 , L0000809		, L0000812
10000013 10000014		, 10000012
, 10000813 , 10000814 ,	,	
	*** DISCRETE CARTESIAN	RECEDTOR DOTNITS
***	DISCRETE CARTESIAN	RECEITOR TOTALS
	** CONC OF PM 10 IN MICR	<b>Λ</b> GRΔMS /M**3
**	cone of fri_10 in files	Oditalis/11 5
X-COORD (M) Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M) CONC		, COOKE (11)
480552.09 3666265.32	0.44882	480572.09
3666265.32 0.45253		
480592.09 3666265.32	0.45753	480612.09
3666265.32 0.46275		
480632.09 3666265.32	0.46690	480652.09
3666265.32 0.47482		
480672.09 3666265.32	0.47919	480692.09

3666265.32 0.48438		
480712.09 3666265.32	0 40276	480732.09
3666265.32 0.49825	0.49270	480/32.09
480752.09 3666265.32	0 50403	480792.09
3666265.32 0.51697	0.30403	480732.03
480812.09 3666265.32	0 52268	480832.09
3666265.32 0.52734	0.32208	480032.09
480852.09 3666265.32	Q 52167	480872.09
3666265.32 0.53544	0.33107	460672.09
480892.09 3666265.32	0 54022	480912.09
	0.34032	460912.09
3666265.32 0.54582	0 55370	480952.09
480932.09 3666265.32	0.55379	480952.09
3666265.32 0.56138	0 56757	400003 00
480972.09 3666265.32	0.56/5/	480992.09
3666265.32 0.57482		
481012.09 3666265.32	0.582/9	481032.09
3666265.32 0.59180		
481052.09 3666265.32	0.60209	481072.09
3666265.32 0.61376		
481092.09 3666265.32	0.62480	481112.09
3666265.32 0.63617		
481132.09 3666265.32	0.64873	480212.09
3666285.32 0.39883		
480232.09 3666285.32	0.40627	480252.09
3666285.32 0.40849		
480272.09 3666285.32	0.40798	480292.09
3666285.32 0.40920		
480312.09 3666285.32	0.41159	480332.09
3666285.32 0.41627		
480352.09 3666285.32	0.42368	480372.09
3666285.32 0.43415		
480392.09 3666285.32	0.44446	480412.09
3666285.32 0.44447		
480432.09 3666285.32	0.43966	480452.09
3666285.32 0.43789	0.1.52.00	.00.0200
480472.09 3666285.32	0.46253	480492.09
3666285.32 0.46753	37.13233	
480512.09 3666285.32	0.46976	480532.09
3666285.32 0.47611	0.10370	100332.03
480552.09 3666285.32	0 47735	480572.09
3666285.32 0.47273	0.17733	100372.03
480592.09 3666285.32	0 47624	480612.09
3666285.32 0.48371	0.47024	+00012:03
480632.09 3666285.32	0 48387	480652.09
3666285.32 0.49298	0.40307	+00032:03
480672.09 3666285.32	0 10016	480692.09
3666285.32 0.50555	U•+334U	400032.03
480712.09 3666285.32	0 51302	480732.09
3666285.32 0.51827	0.31302	400/32.09
480752.09 3666285.32	0 E2402	490772 00
400/32.09 3000283.32	0.32433	480772.09

```
3666285.32
                 0.53321
        480792.09
                                       0.54201
                                                                    480812.09
                     3666285.32
3666285.32
                 0.54869
        480832.09
                     3666285.32
                                       0.55555
                                                                    480852.09
                 0.56180
3666285.32
        480872.09
                     3666285.32
                                       0.56771
                                                                    480892.09
3666285.32
                 0.57501
        480912.09
                                                                    480932.09
                     3666285.32
                                       0.58363
                 0.59049
3666285.32
                                                                    480972.09
        480952.09
                     3666285.32
                                       0.59730
3666285.32
                 0.60493
        480992.09
                     3666285.32
                                       0.61226
                                                                    481012.09
3666285.32
                 0.62102
        481032.09
                     3666285.32
                                       0.63106
                                                                    481052.09
3666285.32
                 0.64200
        481072.09
                                                                    481092.09
                     3666285.32
                                       0.65320
3666285.32
                 0.66676
        481112.09
                     3666285.32
                                                                    481132.09
                                       0.67882
                 0.69071
3666285.32
                     3666285.32
                                       0.70427
                                                                    480212.09
        481152.09
3666305.32
                 0.39785
        480232.09
                     3666305.32
                                       0.40960
                                                                    480252.09
3666305.32
                 0.41548
↑ *** AERMOD - VERSION 22112 ***
                                    *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                     09/29/23
*** AERMET - VERSION 14134 ***
                                 15:16:42
                                 PAGE 420
                  RegDFAULT CONC ELEV RURAL
 *** MODELOPTs:
                              *** THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 INCLUDING SOURCE(S):
                                                          L0000787
                                                                      , L0000788
, L0000789
              , L0000790
                            , L0000791
                           , L0000793
                                          , L0000794
                                                       , L0000795
                L0000792
                                                                      , L0000796
              , L0000798
                           , L0000799
 L0000797
                           , L0000801
                                                        , L0000803
                L0000800
                                          , L0000802
                                                                      , L0000804
, L0000805
              , L0000806
                           , L0000807
                                          , L0000810
                            , L0000809
                L0000808
                                                        , L0000811
                                                                      , L0000812
, L0000813
              , L0000814
                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
                                       ** CONC OF PM 10 IN MICROGRAMS/M**3
      X-COORD (M) Y-COORD (M)
                                       CONC
                                                                  X-COORD (M)
Y-COORD (M)
                  CONC
```

480272.09 3666305.32	0.41893	480292.09
3666305.32 0.42159 480312.09 3666305.32		
480312.09 3666305.32 3666305.32 0.43229	0.42320	480332.09
480352.09 3666305.32	0.44667	480372.09
3666305.32 0.45167	0111007	1003, 2103
480392.09 3666305.32	0.47396	480412.09
3666305.32 0.48073		
480432.09 3666305.32	0.47686	480452.09
3666305.32 0.47328		
480472.09 3666305.32	0.49621	480492.09
3666305.32 0.50264	0. 50477	480532.09
480512.09 3666305.32	0.501//	480532.09
3666305.32 0.50053 480552.09 3666305.32	0 50052	480572.09
3666305.32 0.50471	0.30032	480372.09
480592.09 3666305.32	0.50657	480612.09
3666305.32 0.51191	0.30037	100012.03
480632.09 3666305.32	0.51108	480652.09
3666305.32 0.51412		
480672.09 3666305.32	0.52047	480692.09
3666305.32 0.52728		
480712.09 3666305.32	0.53236	480732.09
3666305.32 0.53665		
480752.09 3666305.32	0.54406	480772.09
3666305.32 0.55415	0. 56400	400043 00
480792.09 3666305.32	0.56499	480812.09
3666305.32 0.57199 480832.09 3666305.32	0 59107	480852.09
3666305.32 0.58857	0.30107	400032.03
480872.09 3666305.32	0.59645	480892.09
3666305.32 0.60643		
480912.09 3666305.32	0.61687	480932.09
3666305.32 0.62613		
480952.09 3666305.32	0.63475	480972.09
3666305.32 0.64313		
480992.09 3666305.32	0.65256	481012.09
3666305.32 0.66190	0 67207	404052 00
481032.09 3666305.32	0.6/29/	481052.09
3666305.32 0.68575 481072.09 3666305.32	0 60020	481092.09
3666305.32 0.71331	0.03320	401032.03
481112.09 3666305.32	0.72686	481132.09
3666305.32 0.74006	0000	.01131.03
481152.09 3666305.32	0.75370	480212.09
3666325.32 0.38787		
480232.09 3666325.32	0.40473	480252.09
3666325.32 0.41452		

480272.09 3666325.32 3666325.32 0.42774	0.42101	480292.09
480312.09 3666325.32	0.43051	480292.09 480332.09
3666325.32 0.44090 480352.09 3666325.32		480372.09
3666325.32 0.46350 480392.09 3666325.32		480412.09
3666325.32 0.50528 480432.09 3666325.32		480452.09
3666325.32 0.50751		
480472.09 3666325.32 3666325.32 0.53936		
480512.09 3666325.32 3666325.32 0.53615		480532.09
480552.09 3666325.32 3666325.32 0.54684	0.54861	480572.09
480592.09 3666325.32	0.54677	480612.09
3666325.32 0.54917 480632.09 3666325.32		480652.09
3666325.32 0.54566 480672.09 3666325.32		480692.09
3666325.32 0.55451 480712.09 3666325.32		480732.09
3666325.32 0.56146		
480752.09 3666325.32 3666325.32 0.57754		
480792.09 3666325.32 3666325.32 0.59634		480812.09
480832.09 3666325.32 3666325.32 0.61561		480852.09
480872.09 3666325.32 3666325.32 0.63597	0.62547	480892.09
↑ *** AERMOD - VERSION 22112 ***  San Marcos\Pacific\Pacific ***	*** C:\Users\anoll\Deskton\⊦	HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***	09/29/23	= ( (. 6.6=.=6
*** AERMET - VERSION 14134 ***	***	
***	15:16:42	
*** MODELOPTs: RegDFAULT CONC	PAGE 421 C ELEV RURAL	
G		SE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL	THE PERIOD ( 43872 HRS) AVERAG	IE CONCENTRATION
VALUES FOR SOURCE GROOF. ALL	INCLUDING SOURCE(S): L0000	787 , L0000788
, L0000789 , L0000790 , L000 L0000792 , L00	` ,	
, L0000797 , L0000798 , L000	ð0799 ,	•
, L0000805 , L0000806 , L000	00807	
L0000808 , L00 , L0000813 , L0000814 ,	000809 , L0000810 , L0000 ,	0811 , L0000812

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\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

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X-COORD (M) Y-COORD (M) Y-COORD (M) CONC	CONC	X-COORD (M)
480912.09 3666325.32 3666325.32 0.65999	 0.64782	480932.09
480952.09 3666325.32 3666325.32 0.68091	0.67089	480972.09
480992.09 3666325.32		481012.09
481032.09 3666325.32		481052.09
3666325.32 0.73155 481072.09 3666325.32	0.74731	481092.09
3666325.32 0.76334 481112.09 3666325.32 3666325.32 0.79520	0.77953	481132.09
481152.09 3666325.32 3666325.32 0.82581	0.81034	481172.09
480212.09 3666345.32 3666345.32 0.39208	0.36980	480232.09
480252.09 3666345.32	0.40695	480272.09
3666345.32 0.41364 480292.09 3666345.32	0.42842	480312.09
3666345.32 0.43696 480332.09 3666345.32		480352.09
3666345.32 0.44705 480372.09 3666345.32	0.47542	480392.09
3666345.32 0.48876 480412.09 3666345.32	0.50015	480432.09
3666345.32 0.51373 480452.09 3666345.32	0.52858	480472.09
3666345.32 0.55289 480492.09 3666345.32	0.57031	480512.09
3666345.32 0.58263 480532.09 3666345.32	0.59242	480552.09
3666345.32 0.59759 480572.09 3666345.32	0.59451	480592.09
3666345.32 0.59197 480612.09 3666345.32	0.59222	480632.09
3666345.32	0.59304	480672.09
3666345.32 0.59009 480692.09 3666345.32	0.58987	480712.09

3666345.32 0.59547		
480732.09 3666345.32	0.60210	480752.09
3666345.32 0.60366		
480772.09 3666345.32	0.60849	480792.09
3666345.32 0.61796		
480812.09 3666345.32	0.62754	480832.09
3666345.32 0.63518		
480852.09 3666345.32	0.64442	480872.09
3666345.32 0.65503		
480892.09 3666345.32	0.66555	480912.09
3666345.32 0.67846		
480932.09 3666345.32	0.69117	480952.09
3666345.32 0.70426	0.74044	400000 00
480972.09 3666345.32	0.71814	480992.09
3666345.32 0.73139 481012.09 3666345.32	0 74507	481032.09
3666345.32 0.76131	0.74597	401032.09
481052.09 3666345.32	0 77736	481072.09
3666345.32 0.79405	0.77730	401072.03
481092.09 3666345.32	0.81492	481112.09
3666345.32 0.83485		
481132.09 3666345.32	0.85395	481152.09
3666345.32 0.87248		
481172.09 3666345.32	0.89063	480232.09
3666365.32 0.37583		
480252.09 3666365.32	0.39443	480272.09
3666365.32 0.40533		
480292.09 3666365.32	0.41706	480312.09
3666365.32 0.43095		
480332.09 3666365.32	0.44028	480352.09
3666365.32 0.44680	0.46420	400202 00
480372.09 3666365.32 3666365.32 0.47171	0.46439	480392.09
480412.09 3666365.32	0 47050	480432.09
3666365.32 0.49927	0.47939	400432.03
480452.09 3666365.32	0.54675	480472.09
3666365.32 0.57665	0.54075	400472.03
480492.09 3666365.32	0.59970	480512.09
3666365.32 0.61975		
480532.09 3666365.32	0.63546	480552.09
3666365.32 0.63964		
♠ *** AERMOD - VERSION 22112 ***	*** C:\Users\apoll\Desktop	\HARP2\HARP\Pacific
<pre>San Marcos\Pacific\Pacific ***</pre>	09/29/23	
*** AERMET - VERSION 14134 ***		
***	15:16:42	

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

VALUES FOR SOURCE GROUP: ALL ***	
INCLU , L0000789 , L0000790 , L0000791	
L0000792 , L0000793 , L0000799 , L0000799	, L0000794 , L0000795 , L0000796
L0000800 , L0000801	
, L0000805 , L0000806 , L0000807 L0000808 , L0000809	-
, L0000813 , L0000814 ,	,
	*** DISCRETE CARTESIAN RECEPTOR POINTS
***	
**	** CONC OF PM_10 IN MICROGRAMS/M**3
X-COORD (M) V-COORD (M)	CONC X-COORD (M)
Y-COORD (M) CONC	X-COOKD (11)
480572.09 3666365.32	0.64057 480592.09
3666365.32 0.64355	
480612.09 3666365.32 3666365.32 0.64766	0.64741 480632.09
480652.09 3666365.32	0.64791 480672.09
3666365.32 0.64571	0.64591 480712.09
480692.09 3666365.32 3666365.32 0.65154	0.64591 480712.09
480732.09 3666365.32	0.65481 480752.09
3666365.32 0.65028 480772.09 3666365.32	0.65205 480792.09
3666365.32 0.66165	
480812.09 3666365.32 3666365.32 0.67086	0.66657 480832.09
480852.09 3666365.32	0.67985 480872.09
3666365.32 0.69093	0.0000
480892.09 3666365.32 3666365.32 0.71105	0.69962 480912.09
480932.09 3666365.32	0.72426 480952.09
3666365.32 0.73966 480972.09 3666365.32	0.75538 480992.09
3666365.32 0.77005	400352.03
481012.09 3666365.32	0.78671 481032.09
3666365.32 0.80446 481052.09 3666365.32	0.82315 481072.09
3666365.32 0.84292	
481092.09 3666365.32 3666365.32 0.88920	0.86575 481112.09
481132.09 3666365.32	0.91300 481152.09
3666365.32 0.93681	

481172.09 3666365.32 3666385.32 0.37965	0.95962	480252.09
480272.09 3666385.32	0.39240	480292.09
3666385.32 0.40164		
480312.09 3666385.32	0.41735	480332.09
3666385.32 0.43199		
480352.09 3666385.32 3666385.32 0.44706	0.44153	480372.09
480392.09 3666385.32	0.45409	480412.09
3666385.32 0.46029		
480432.09 3666385.32	0.48280	480452.09
3666385.32 0.54755		
480472.09 3666385.32	0.58406	480492.09
3666385.32 0.61705 480512.09 3666385.32	0 64414	480532.09
3666385.32 0.66410	0.04414	480332.03
480552.09 3666385.32	0.67095	480572.09
3666385.32 0.67912		
480592.09 3666385.32	0.68999	480612.09
3666385.32 0.70000	0.70242	400653.00
480632.09 3666385.32 3666385.32 0.70631	0.70242	480652.09
480672.09 3666385.32	0.70913	480692.09
3666385.32 0.71271		
480712.09 3666385.32	0.71780	480732.09
3666385.32 0.71759		
480752.09 3666385.32 3666385.32 0.71072	0.71054	480772.09
480792.09 3666385.32	0.71884	480812.09
3666385.32 0.71959		
480832.09 3666385.32	0.72080	480852.09
3666385.32 0.72705		
480872.09 3666385.32 3666385.32 0.74299	0.73617	480892.09
480912.09 3666385.32	0 75069	480932.09
3666385.32 0.76424	0.73003	400732.07
480952.09 3666385.32	0.77958	480972.09
3666385.32 0.79555		
480992.09 3666385.32	0.81015	481012.09
3666385.32	0 84657	481052.09
3666385.32 0.86739	0.84037	481032.03
481072.09 3666385.32	0.89013	481092.09
3666385.32 0.91459		
481112.09 3666385.32	0.94126	481132.09
3666385.32 0.97002 480272.09 3666405.32	A 27722	490202 00
480272.09 3666405.32 3666405.32 0.39102	0.3//33	480292.09
480312.09 3666405.32	0.40082	480332.09
3666405.32 0.41082		

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★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific *** 09/29/23
*** AERMET - VERSION 14134 ***
                             15:16:42
                             PAGE 423
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
                         *** THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                             INCLUDING SOURCE(S): L0000787 , L0000788
, L0000789
           , L0000790 , L0000791
              L0000792 , L0000793 , L0000794 , L0000795 , L0000796
           , L0000798 , L0000799 , L0000800 , L0000801 , L0000802 , L0000803 , L0000804
 L0000797
, L0000805
          L0000808 , L0000809 , L0000810 , L0000811 , L0000812
, L0000813 , L0000814 , . . .
                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
                                  ** CONC OF PM 10 IN MICROGRAMS/M**3
     X-COORD (M) Y-COORD (M) CONC
                                                         X-COORD (M)
Y-COORD (M)
       480352.09 3666405.32 0.42282
                                                           480372.09
3666405.32 0.44007
       480392.09 3666405.32 0.45351
                                                           480412.09
3666405.32 0.46787
       480432.09 3666405.32 0.48612
                                                           480452.09
3666405.32 0.51106
       480472.09 3666405.32
                                 0.55418
                                                           480492.09
3666405.32 0.60902
       480512.09 3666405.32 0.65257
                                                           480532.09
3666405.32
               0.67584
       480552.09 3666405.32
                                 0.69107
                                                           480572.09
3666405.32 0.70870
       480592.09 3666405.32 0.72301
                                                           480612.09
3666405.32 0.73624
                               0.75499
       480632.09 3666405.32
                                                           480652.09
3666405.32 0.76120
       480672.09 3666405.32
                               0.77024
                                                           480692.09
3666405.32 0.77820
       480712.09 3666405.32 0.78097
                                                           480732.09
3666405.32 0.78076
```

480772.09

480752.09 3666405.32 0.78138

3666405.32 0.78197		
480792 09 3666405 32	0 78315	480812.09
480792.09 3666405.32 3666405.32 0.78847	0.70313	400012.03
480832.09 3666405.32	0.78878	480852.09
3666405.32 0.78802	01,00,0	100032103
480872.09 3666405.32	0.78958	480892.09
3666405.32 0.79997	01,0330	100032103
480912.09 3666405.32	0.80824	480932.09
3666405.32 0.81681	0.00021	100332.03
480952.09 3666405.32	0 82783	480972.09
3666405.32 0.84260		
480992.09 3666405.32	0 85670	481012.09
3666405.32 0.87244	0.03070	401012:03
481032.09 3666405.32	0 89034	481052.09
3666405.32 0.91098	0.89034	401032.03
481072.09 3666405.32	a 93522	481092.09
3666405.32 0.96215	0.93322	481092.09
491112 AD 26664AF 22	0.00157	491122 00
481112.09 3666405.32 3666405.32 1.02432	0.99157	481132.09
480272.09 3666425.32	0.26047	480292.09
3666425.32 0.37454	0.36047	480292.09
	0. 20474	480332.09
480312.09 3666425.32	0.38474	480332.09
3666425.32 0.39455	0. 40000	400373 00
480352.09 3666425.32		480372.09
3666425.32 0.42389	0.40470	400440 00
480392.09 3666425.32	0.436/0	480412.09
3666425.32 0.45759		
480432.09 3666425.32	0.48469	480452.09
3666425.32 0.51195		
480472.09 3666425.32	0.55594	480492.09
3666425.32 0.60574		
480512.09 3666425.32	0.64792	480532.09
3666425.32 0.67613		
480552.09 3666425.32	0.69839	480572.09
3666425.32 0.71895		
480592.09 3666425.32	0.74116	480612.09
3666425.32 0.76495		
480632.09 3666425.32	0.78879	480652.09
3666425.32 0.80318		
480672.09 3666425.32	0.81812	480692.09
3666425.32 0.82966		
480712.09 3666425.32	0.83516	480732.09
3666425.32 0.84669		
480752.09 3666425.32	0.85412	480772.09
3666425.32 0.85760		
480792.09 3666425.32	0.85894	480812.09
3666425.32 0.86532		
480832.09 3666425.32	0.86697	480852.09
3666425.32 0.86538		
480872.09 3666425.32	0.86413	480892.09

2666425 22 0.06024		
3666425.32 0.86834 480912.09 3666425.32 3666425.32 0.88002	0.87614	480932.09
480952.09 3666425.32 3666425.32 0.90135	0.88854	480972.09
480992.09 3666425.32 3666425.32 0.92738	0.91452	481012.09
481032.09 3666425.32 3666425.32 0.96199	0.94296	481052.09
↑ *** AERMOD - VERSION 22112 *** ***  San Marcos\Pacific\Pacific *** 0  *** AERMET - VERSION 14134 *** ***  15:16	9/29/23	2\HARP\Pacific
PAGE *** MODELOPTs: RegDFAULT CONC ELE		
*** THE P VALUES FOR SOURCE GROUP: ALL ***	ERIOD ( 43872 HRS) AVERAGE CO	ONCENTRATION
	DING SOURCE(S): L0000787	, L0000788
, L0000789 , L0000790 , L0000791 L0000792 , L0000793		, L0000796
, L0000797 , L0000798 , L0000799 L0000800 , L0000801		, L0000804
, L0000805 , L0000806 , L0000807 L0000808 , L0000809	, L0000810 , L0000811	, L0000812
, L0000813 , L0000814 ,		, 10000012
***	*** DISCRETE CARTESIAN	RECEPTOR POINTS
	** CONC OF PM_10 IN MICRO	OGRAMS/M**3
**	cone of fri_10 In filence	3
X-COORD (M) Y-COORD (M) Y-COORD (M) CONC		K-COORD (M)
481072.09 3666425.32 3666425.32 1.01096	0.98497	481092.09
481112.09 3666425.32	1.04118	481132.09
3666425.32 1.07595 481152.09 3666425.32	1.11493	480312.09
3666445.32 0.36898 480332.09 3666445.32	0.38149	480352.09
3666445.32 0.39114 480372.09 3666445.32		480392.09
3666445.32 0.41548		
480412.09 3666445.32 3666445.32 0.47545	U.43905	480432.09

480452.09 3666445.32	0.51702	480472.09
3666445.32 0.55785 480492.09 3666445.32	0.59606	480512.09
3666445.32 0.63213		
480532.09 3666445.32 3666445.32 0.69292	0.66526	480552.09
480572.09 3666445.32	0.71499	480592.09
3666445.32 0.74599		
480612.09 3666445.32	0.78055	480632.09
3666445.32 0.80195 480652.09 3666445.32	0 82668	480672.09
3666445.32 0.84699	0.02000	400072.03
3666445.32 0.84699 480692.09 3666445.32	0.86215	480712.09
3666445.32 0.87339	0.00000	400753 00
480732.09 3666445.32 3666445.32 0.91609	0.89899	480752.09
480772.09 3666445.32	0.92625	480792.09
3666445.32 0.93239		
480812.09 3666445.32	0.94088	480832.09
3666445.32 0.94718 480852.09 3666445.32	0 95009	480872.09
3666445.32 0.95088		
480892.09 3666445.32	0.95122	480912.09
3666445.32 0.95550 480932.09 3666445.32	0.05706	490053 00
480932.09 3666445.32 3666445.32 0.96364	0.95/96	480952.09
480972.09 3666445.32	0.97679	480992.09
3666445.32 0.98804		
481012.09 3666445.32 3666445.32 1.01025	0.99783	481032.09
481052.09 3666445.32	1.02620	481072.09
3666445.32 1.04548		
481092.09 3666445.32	1.06758	480352.09
3666465.32 0.36450 480372.09 3666465.32	A 28962	480392.09
3666465.32 0.40201	0.30003	460392.09
480412.09 3666465.32	0.42002	480432.09
3666465.32 0.44803	0. 40000	400470 00
480452.09 3666465.32 3666465.32 0.52218	0.48228	480472.09
480492.09 3666465.32	0.57111	480512.09
3666465.32 0.61581		
480532.09 3666465.32	0.64503	480552.09
3666465.32 0.67318 480572.09 3666465.32	0 70416	480592.09
3666465.32 0.74318		<del>-</del> 00332.03
480612.09 3666465.32	0.77980	480632.09
3666465.32 0.79135	0.03006	400670 00
480652.09 3666465.32 3666465.32 0.85643	0.82886	480672.09
JUUU <del>1</del> UJ, JZ 0,0JU43		

480692.09 3666465.32	0.87794	480712.09
3666465.32 0.89885 480732.09 3666465.32	0 91995	480752.09
3666465.32 0.95545		100732103
480772.09 3666465.32	0.97897	480792.09
3666465.32 0.98853 480812.09 3666465.32	1.00028	480832.09
3666465.32 1.01553		
480852.09 3666465.32	1.02836	480872.09
3666465.32 1.03664 480892.09 3666465.32	1.03811	480912.09
3666465.32 1.04615		
480932.09 3666465.32	1.05082	480952.09
3666465.32 1.05803 480972.09 3666465.32	1.06780	480992.09
3666465.32 1.07548		
481012.09 3666465.32	1.08461	481032.09
3666465.32 1.09491 ♠ *** AERMOD - VERSION 22112 *** ***	* C:\Users\anoll\Deskton\HARI	P2\HΔRP\Pacific
San Marcos\Pacific\Pacific ***	99/29/23	Z (IIAIII (I dell'ie
*** AERMET - VERSION 14134 *** ***		
*** 15:16	5:42	
PAGE	425	
*** MODELOPTs: RegDFAULT CONC ELE		
-	, ,	
*** THE F VALUES FOR SOURCE GROUP: ALL ***	PERIOD ( 43872 HRS) AVERAGE (	CONCENTRATION
	JDING SOURCE(S): L0000787	, L0000788
, L0000789 , L0000790 , L0000791	,	
	, L0000794 , L0000795	, L0000796
, L0000797 , L0000798 , L0000799 L0000800 , L0000803	, L , L0000802 , L0000803	, L0000804
, L0000805 , L0000806 , L0000807	و	
	, L0000810 , L0000811	. , L0000812
, L0000813 , L0000814 ,	,	
	*** DISCRETE CARTESIAN	I RECEPTOR POINTS
***		
**	** CONC OF DM 10 TN MTCE	OCDVWC \W**3
	** CONC OF PM_10 IN MICE	ROGRAMS/M**3
	_	
X-COORD (M) Y-COORD (M)	_	X-COORD (M)
X-COORD (M) Y-COORD (M) Y-COORD (M) CONC	_	
	_	
Y-COORD (M) CONC	CONC	
Y-COORD (M) CONC	CONC	X-COORD (M)

3666485.32 0.40034		
480432.09 3666485.32	0 42866	480452.09
3666485.32 0.46088	0.42000	400432.03
480472.09 3666485.32	0.49676	480492.09
3666485.32 0.54122		100.152.05
480512.09 3666485.32	0.58120	480532.09
3666485.32 0.61052	0.30120	.00332.03
480552.09 3666485.32	0.64444	480572.09
3666485.32 0.68533	0.01111	1003, 2.03
480592.09 3666485.32	0 72495	480612.09
3666485.32 0.75858	0.72433	400012.03
480632.09 3666485.32	a 77961	480652.09
3666485.32 0.81123	0.77901	480032.03
480672.09 3666485.32	0 94545	480692.09
		480092.09
3666485.32 0.87726 480712.09 3666485.32	0.00210	480732.09
	0.90318	480732.09
3666485.32 0.92776	0.06600	400773 00
480752.09 3666485.32	0.96600	480772.09
3666485.32 0.99909		400040 00
480792.09 3666485.32	1.02341	480812.09
3666485.32 1.04218		480852.09
480832.09 3666485.32	1.06789	480852.09
3666485.32 1.08957		
480872.09 3666485.32	1.10617	480892.09
3666485.32 1.11730		
480912.09 3666485.32	1.13139	480932.09
3666485.32 1.14231		
480952.09 3666485.32	1.15192	480972.09
3666485.32 1.16302		
480992.09 3666485.32	1.17356	480412.09
3666505.32 0.37942		
480432.09 3666505.32	0.41593	480452.09
3666505.32 0.44960		
480472.09 3666505.32	0.48020	480492.09
3666505.32 0.51194		
480512.09 3666505.32	0.54181	480532.09
3666505.32 0.56987		
480552.09 3666505.32	0.61234	480572.09
3666505.32 0.66042		.0027_102
480592.09 3666505.32	0.69670	480612.09
3666505.32 0.72503	0.02070	100012103
480632.09 3666505.32	0.76443	480652.09
3666505.32 0.78105	0.70113	100032.03
480672.09 3666505.32	0 81956	480692.09
3666505.32 0.86214	0.01330	+00032:03
480712.09 3666505.32	0 89106	480732.09
3666505.32 0.92303	0.05100	400/32.09
480752.09 3666505.32	0 95267	480772.09
3666505.32 0.99163	0.33207	460772.09
480792.09 3666505.32	1.03556	480812.09
400/32.03 3000303.32	סכככש.ד	400012.09

3666505.32 1.06173 480832.09 3666505.32	1 00655	480852.09		
3666505.32 1.12584		400032.09		
480872.09 3666505.32	1.15082	480892.09		
3666505.32 1.17560 480912.09 3666505.32	1.19755	480932.09		
3666505.32 1.21708				
480952.09 3666505.32 3666525.32 0.38491	1.23414	480432.09		
480452.09 3666525.32	0.42231	480472.09		
3666525.32 0.44425 480492.09 3666525.32	0 47617	480512.09		
3666525.32 0.50976		400312.09		
480532.09 3666525.32	0.54069	480552.09		
3666525.32 0.58832 480572.09 3666525.32	0.62251	480592.09		
3666525.32 0.66183				
480612.09 3666525.32 3666525.32 0.73709	0.70538	480632.09		
480652.09 3666525.32	0.75988	480672.09		
3666525.32 0.78709 480692.09 3666525.32	a 9222a	480712.09		
3666525.32 0.86956		460/12.09		
480732.09 3666525.32		480752.09		
3666525.32 0.93845 480772.09 3666525.32	0.98270	480792.09		
3666525.32 1.03405				
<pre>↑ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific *** 09/29/23</pre>				
*** AERMET - VERSION 14134 *** ***				
*** 15:1				
PAGE	: 426			
*** MODELOPTs: RegDFAULT CONC EL				
*** THE	PERIOD ( 43872 HRS) AVERAGE CO	NCENTRATION		
VALUES FOR SOURCE GROUP: ALL ***	TENIOD ( 43072 TINS) AVENAGE CO	NCLIVINATION		
	UDING SOURCE(S): L0000787	, L0000788		
, L0000789 , L0000790 , L0000791 L0000792 , L000079		, L0000796		
, L0000797 , L0000798 , L0000799				
L0000800 , L000080 , L0000805 , L0000806 , L0000807		, L0000804		
L0000808 , L000080		, L0000812		
, L0000813 , L0000814 ,	,			
	*** DISCRETE CARTESIAN	RECEPTOR POINTS		
***				

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

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X-COORD (M) Y-COORD (M) Y-COORD (M) CONC	CONC	X-COORD (M)
480812.09 3666525.32		
3666525 32 1 10243		
480852.09 3666525.32	1.14140	480872.09
3666525.32 1.17631		
480892.09 3666525.32	1.20910	480912.09
3666525.32 1.23870		
480452.09 3666545.32	0.39513	480472.09
3666545.32 0.42664		
480492.09 3666545.32		480512.09
3666545.32 0.49046 480532.09 3666545.32	0. 50450	400552 00
		480552.09
3666545.32 0.56689 480572.09 3666545.32	0 50200	480592.09
3666545.32 0.62305	0.59209	480592.09
480612.09 3666545.32	0 66556	480632.09
3666545.32 0.71251	0.00550	400032.03
480652.09 3666545.32	0.74067	480672.09
3666545.32 0.76234		
480692.09 3666545.32	0.79326	480712.09
3666545.32 0.84679		
480732.09 3666545.32	0.88365	480752.09
3666545.32 0.91709		
480772.09 3666545.32	0.95915	480792.09
3666545.32 1.00864		
480812.09 3666545.32	1.04760	480832.09
3666545.32 1.09283 480852.09 3666545.32		
480852.09 3666545.32	1.13728	480872.09
3666545.32 1.17871	0. 27202	490472 00
480452.09 3666565.32 3666565.32 0.42482	0.3/393	480472.09
480492.09 3666565.32	0 45700	480512.09
3666565.32 0.48264	0.43733	400312.03
480532.09 3666565.32	0.51212	480552.09
3666565.32 0.54994	0.02	.0000=1000
480572.09 3666565.32	0.57188	480592.09
3666565.32 0.58811		
480612.09 3666565.32	0.61761	480632.09
3666565.32 0.69770		
480652.09 3666565.32	0.72998	480672.09
3666565.32 0.75067		
480692.09 3666565.32	0.77867	480712.09
3666565.32 0.82953	0.0005	
480732.09 3666565.32	0.86296	480752.09
3666565.32 0.89747		

480772.09 3666565.32	0.93081	480792.09
3666565.32 0.96845 480812.09 3666565.32	1.03245	480832.09
3666565.32 1.07874		
480852.09 3666565.32	1.12375	480872.09
3666565.32 1.16749 480892.09 3666565.32	1.20635	480472.09
3666585.32 0.43159	1.20033	400472:03
480492.09 3666585.32	0.46023	480512.09
3666585.32 0.47963		
480532.09 3666585.32	0.50422	480552.09
3666585.32 0.55035	0 57720	490502 00
480572.09 3666585.32 3666585.32 0.59627	0.57/39	480592.09
480612.09 3666585.32	0.62265	480632.09
3666585.32 0.69111	0.02203	+00032:03
480652.09 3666585.32	0.72506	480672.09
3666585.32 0.75044		
480692.09 3666585.32	0.77500	480712.09
3666585.32 0.80576		
480732.09 3666585.32	0.85307	480752.09
3666585.32 0.89534	0.02244	400703 00
480772.09 3666585.32 3666585.32 0.97136	0.93341	480792.09
480812.09 3666585.32	1.01971	480832.09
3666585.32 1.06177	_,	
480852.09 3666585.32	1.10669	480872.09
3666585.32 1.15488		
480892.09 3666585.32 3666605.32 0.44064	1.20419	480472.09
480492.09 3666605.32	0 16815	480512.09
3666605.32 0.48773	0.40843	480312.03
480532.09 3666605.32	0.50648	480552.09
3666605.32 0.54332		
480572.09 3666605.32	0.58297	480592.09
3666605.32 0.61157		
↑ *** AERMOD - VERSION 22112 *** ***	·	2\HARP\Pacific
	99/29/23	
*** AERMET - VERSION 14134 *** ***  *** 15.16	43	
*** 15:16	5:42	
PAGE	427	
*** MODELOPTs: RegDFAULT CONC ELE		
*** THE F	PERIOD ( 43872 HRS) AVERAGE C	ONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***		
	JDING SOURCE(S): L0000787	, L0000788
, L0000789 , L0000790 , L0000791	, , , , , , , , , , , , , , , , , , , ,	
L0000792 , L0000793	3 , L0000794 , L0000795	, L0000796
, L0000797 , L0000798 , L0000799	,	

1 0000005	L0000800	, L0000801	, L0000802	, L0000803	, L0000804
, L0000805	, L0000806 L0000808	, L0000807 , L0000809	, , L0000810	, L0000811	, L0000812
, L0000813	, L0000814	,	,	-	-

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

X-COORD (M) Y-COORD (M) Y-COORD (M) CONC	CONC	X-COORD (M)
		480632.09
480612.09 3666605.32 3666605.32 0.68470	0.03370	480032.09
480652.09 3666605.32	0 72862	480672.09
3666605.32 0.76265	0.72002	400072.03
480692.09 3666605.32	0.78980	480712.09
3666605.32 0.81472		
480732.09 3666605.32	0.86014	480752.09
3666605.32 0.90265		
480772.09 3666605.32	0.94263	480792.09
3666605.32 0.98147	4 00540	400000
480812.09 3666605.32 3666605.32 1.06732	1.02512	480832.09
480852.09 3666605.32	1 11158	480872.09
3666605.32 1.15910	1.11130	400072.03
480892.09 3666605.32	1.21139	480912.09
3666605.32 1.25838	1,1113	100312103
480492.09 3666625.32	0.47759	480512.09
3666625.32 0.50354		
480532.09 3666625.32	0.51639	480552.09
3666625.32 0.52592		
480572.09 3666625.32	0.58475	480592.09
3666625.32 0.63319	0.65400	400633 00
480612.09 3666625.32 3666625.32 0.67211	0.65499	480632.09
480652.09 3666625.32	0 73537	480672.09
3666625.32 0.78243	0.75557	400072.03
480692.09 3666625.32	0.81737	480712.09
3666625.32 0.85082		
480732.09 3666625.32	0.87989	480752.09
3666625.32 0.91688		
480772.09 3666625.32	0.95645	480792.09
3666625.32 0.99759		
480812.09 3666625.32	1.04871	480832.09
3666625.32 1.09605	1 12020	400073 00
480852.09 3666625.32	1.13929	480872.09

3666625.32 1.18313		
480892.09 3666625.32	1.23378	480912.09
3666625.32 1.27705		
480492.09 3666645.32	0.48665	480512.09
3666645.32 0.52374		
480532.09 3666645.32	0.53854	480552.09
3666645.32 0.54616		
480572.09 3666645.32	0.60325	480592.09
3666645.32 0.65259		
480612.09 3666645.32	0.67912	480632.09
3666645.32 0.70473	0.74070	480672.09
480652.09 3666645.32	0.74972	480672.09
3666645.32 0.78962 480692.09 3666645.32	0.02500	480712.09
		480/12.09
3666645.32 0.86197 480732.09 3666645.32	a 9099a	480752.09
3666645.32 0.94066	0.89880	480752.09
480772.09 3666645.32	0.00206	480792.09
3666645.32 1.02615	0.96300	460792.09
480812.09 3666645.32	1 07892	480832.09
3666645.32 1.12640		400032.09
480852.09 3666645.32		480872.09
3666645.32 1.21456		
480892.09 3666645.32	1 25926	480912.09
3666645.32 1.30389		
480932.09 3666645.32	1.35258	480492.09
3666665.32 0.48191		
480512.09 3666665.32	0.52446	480532.09
3666665.32 0.54861		
480552.09 3666665.32	0.56431	480572.09
3666665.32 0.61540		
480592.09 3666665.32	0.66122	480612.09
3666665.32 0.69210		
480632.09 3666665.32	0.72373	480652.09
3666665.32 0.75704		
480672.09 3666665.32	0.79199	480692.09
3666665.32 0.82887		
480712.09 3666665.32	0.86730	480732.09
3666665.32 0.90906		
480752.09 3666665.32	0.95401	480772.09
3666665.32 0.99863		
480792.09 3666665.32	1.04338	480812.09
3666665.32 1.09429		
480832.09 3666665.32	1.14353	480852.09
3666665.32 1.19316		
↑ *** AERMOD - VERSION 22112 ***	•	ktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***		
*** AERMET - VERSION 14134 ***		
***	15:16:42	

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

VALUES FOR SOURCE GROUP: ALL ***  INCLUI , L0000789 , L0000790 , L0000791  L0000792 , L0000793 , L0000797 , L0000798 , L0000799	, L0000802 , L00008 , L0000810 , L00008	787 , L0000788 795 , L0000796 803 , L0000804 811 , L0000812
***		
**	** CONC OF PM_10 IN M	ICROGRAMS/M**3
X-COORD (M) Y-COORD (M) Y-COORD (M) CONC	CONC	X-COORD (M)
480872.09 3666665.32 3666665.32 1.28645	 1.24167	480892.09
480912.09 3666665.32 3666665.32 1.39048	1.33592	480932.09
480512.09 3666685.32	0.49600	480532.09
3666685.32 0.53708 480552.09 3666685.32	0.57275	480572.09
3666685.32 0.61208 480592.09 3666685.32	0.64934	480612.09
3666685.32	0.71361	480652.09
3666685.32 0.74944 480672.09 3666685.32		480692.09
3666685.32 0.82336		
480712.09 3666685.32 3666685.32 0.90512	0.86486	480732.09
480752.09 3666685.32 3666685.32 0.99454	0.94931	480772.09
480792.09 3666685.32 3666685.32 1.08091	1.03907	480812.09
480832.09 3666685.32	1.13132	480852.09
3666685.32 1.18850 480872.09 3666685.32	1.24652	480892.09
3666685.32 1.29636 480912.09 3666685.32	1.35389	480932.09
3666685.32 1.41467		

480512.09 3666705.32 3666705.32 0.50486	0.46404	480532.09
480552.09 3666705.32	0.54448	480572.09
3666705.32 0.58702 480592.09 3666705.32	0.62447	480612.09
3666705.32 0.65642		
480632.09 3666705.32 3666705.32 0.72876		
480672.09 3666705.32 3666705.32 0.80093		480692.09
480712.09 3666705.32	0.83686	480732.09
3666705.32 0.87783 480752.09 3666705.32	0.91682	480772.09
3666705.32 0.96019		
480792.09 3666705.32 3666705.32 1.04606		480812.09
480832.09 3666705.32 3666705.32 1.15593	1.09493	480852.09
480872.09 3666705.32	1.21969	480892.09
3666705.32 1.27406 480912.09 3666705.32	1.33599	480932.09
3666705.32 1.40473 480952.09 3666705.32		480532.09
		400552.09
3666725.32 0.46553 480552.09 3666725.32 3666725.32 0.54699	0.50325	480572.09
480592.09 3666725.32	0.58451	480612.09
3666725.32 0.61539 480632.09 3666725.32	0.65274	480652.09
3666725.32 0.68938 480672.09 3666725.32	0.72404	480692.09
3666725.32 0.75873		
480712.09 3666725.32 3666725.32 0.83438	0.79611	480732.09
480752.09 3666725.32 3666725.32 0.91250	0.87125	480772.09
480792.09 3666725.32	0.95794	480812.09
3666725.32 0.99316 480832.09 3666725.32	1.03753	480852.09
3666725.32 1.09684 480872.09 3666725.32		480892.09
3666725.32 1.21801		480892.09
480912.09 3666725.32 3666725.32 1.35492	1.28173	480932.09
480952.09 3666725.32	1.43468	480532.09
3666745.32 0.42884 480552.09 3666745.32	0.46053	480572.09
3666745.32 0.49853 480592.09 3666745.32	0.53444	480612.09
3666745.32 0.56628		

480632.09 3666745.32	0.59881	480652.09
3666745.32	0.66252	480692.09
3666745.32	9/29/23	2\HARP\Pacific
PAGE *** MODELOPTs: RegDFAULT CONC ELE		
VALUES FOR SOURCE GROUP: ALL ***	PERIOD ( 43872 HRS) AVERAGE COUNTY DING SOURCE(S): L0000787	
, L0000789 , L0000790 , L0000791 L0000792 , L0000793	, , L0000794 , L0000795	, L0000796
, L0000797 , L0000798 , L0000799 L0000800 , L0000801	,	-
, L0000805 , L0000806 , L0000807	,	•
L0000808 , L0000809 , L0000814 ,	, L0000810 , L0000811 ,	, L0000812
***	*** DISCRETE CARTESIAN	RECEPTOR POINTS
**	** CONC OF PM_10 IN MICRO	OGRAMS/M**3
**  X-COORD (M) Y-COORD (M) Y-COORD (M) CONC	<del>-</del>	OGRAMS/M**3 X-COORD (M)
X-COORD (M) Y-COORD (M)	<del>-</del>	
X-COORD (M) Y-COORD (M) Y-COORD (M) CONC	<del>-</del>	
X-COORD (M) Y-COORD (M) Y-COORD (M) CONC	CONC )	X-COORD (M)
X-COORD (M) Y-COORD (M) Y-COORD (M) CONC	CONC 2	X-COORD (M) 480732.09
X-COORD (M) Y-COORD (M) Y-COORD (M) CONC	CONC	X-COORD (M) 480732.09 480772.09
X-COORD (M) Y-COORD (M) Y-COORD (M) CONC	CONC 2000 2000 2000 2000 2000 2000 2000 20	X-COORD (M) 480732.09 480772.09 480812.09
X-COORD (M) Y-COORD (M) Y-COORD (M) CONC	CONC	X-COORD (M)  480732.09  480772.09  480812.09  480852.09  480892.09
X-COORD (M) Y-COORD (M) Y-COORD (M) CONC	CONC 2000 2000 2000 2000 2000 2000 2000 20	X-COORD (M)  480732.09  480772.09  480812.09  480852.09  480892.09  480932.09
X-COORD (M) Y-COORD (M) Y-COORD (M) CONC	CONC	X-COORD (M)  480732.09  480772.09  480812.09  480852.09  480892.09
X-COORD (M) Y-COORD (M) Y-COORD (M) CONC	CONC	X-COORD (M)  480732.09  480772.09  480812.09  480852.09  480892.09  480932.09

3666765.32 0.52169		
480632.09 3666765.32	0 54913	480652.09
3666765.32 0.58113		+00032.03
480672.09 3666765.32		480692.09
3666765.32 0.63546		100032.03
480712.09 3666765.32	0.67169	480732.09
3666765.32 0.70671	0.07.203	100,32,03
480752.09 3666765.32	0.75083	480772.09
3666765.32 0.79452	0.73003	100772.03
480792.09 3666765.32	0.83303	480812.09
3666765.32 0.86547		
480832.09 3666765.32	0 90556	480852.09
3666765.32 0.95465	0.90330	+00032.03
480872.09 3666765.32	1 00928	480892.09
3666765.32 1.06407	1.00320	+00052.05
480912.09 3666765.32	1.12775	480932.09
3666765.32 1.19236	1.12//3	+00732.07
480952.09 3666765.32	1.26112	480972.09
3666765.32 1.33743	1.20112	480372.03
480552.09 3666785.32	0 38160	480572.09
3666785.32 0.40509		
480592.09 3666785.32	0 43672	480612.09
3666785.32 0.47436	0.43072	480012.03
480632.09 3666785.32	0 49762	480652.09
3666785.32 0.52672	0.43/02	480032.03
480672.09 3666785.32	A 55220	480692.09
3666785.32 0.57458	0.33229	480092.09
480712.09 3666785.32	0 50600	480732.09
3666785.32 0.63661	0.33030	480/32.03
480752.09 3666785.32	0 67901	480772.09
3666785.32 0.72121	0.07804	480772.09
480792.09 3666785.32	0 76205	480812.09
3666785.32 0.79356	0.70393	480812.09
480832.09 3666785.32	A 92014	480852.09
3666785.32 0.88756	0.83914	480852.09
480872.09 3666785.32	0.02664	498902 80
	0.93664	480892.09
3666785.32 0.98815	1 04679	490022 00
480912.09 3666785.32	1.04678	480932.09
3666785.32 1.10550	1 16751	490072 00
480952.09 3666785.32	1.16751	480972.09
3666785.32 1.23618	0.24057	490572 00
480552.09 3666805.32	0.34057	480572.09
3666805.32 0.36363 480592.09 3666805.32	A 20122	490612 00
	0.39133	480612.09
3666805.32 0.42075	0.44140	400653 00
480632.09 3666805.32	0.44140	480652.09
3666805.32 0.46641	0.40027	490603 00
480672.09 3666805.32	0.4903/	480692.09
3666805.32 0.51781	0 55510	400733 00
480712.09 3666805.32	0.55518	480732.09

3666805.32 0.58393 480752.09 3666805.32	0.61542	480772.09
3666805.32 0.64790 480792.09 3666805.32	0.67996	480812.09
3666805.32 0.70778 480832.09 3666805.32	0.76428	480852.09
3666805.32 0.81681 480872.09 3666805.32	0.86215	480892.09
3666805.32 0.90549 480912.09 3666805.32		480932.09
3666805.32 1.01476		
480952.09 3666805.32 3666805.32 1.13780		480972.09
<pre>★ *** AERMOD - VERSION 22112 *** *** San Marcos\Pacific\Pacific *** 6 *** AERMET - VERSION 14134 *** ***</pre>	9/29/23	2\HARP\Pacitic
*** 15:16		
PAGE *** MODELOPTs: RegDFAULT CONC ELE		
	ERIOD ( 43872 HRS) AVERAGE CO	ONCENTRATION
VALUES FOR SOURCE GROUP: ALL *** TNCIL	DING SOURCE(S): L0000787	, L0000788
, L0000789 , L0000790 , L0000791	,	-
, L0000797 , L0000798 , L0000799	,	-
L0000800 , L0000801 , L0000805 , L0000806 , L0000807	,	-
L0000808 , L0000809 , L0000814 ,		, L0000812
	*** DISCRETE CARTESIAN	RECEPTOR POINTS
***	DISCRETE CHINESIAN	NECE TON TOEMTS
**	** CONC OF PM_10 IN MICRO	OGRAMS/M**3
X-COORD (M) Y-COORD (M) Y-COORD (M) CONC	CONC	X-COORD (M)
480992.09 3666805.32 3666825.32 0.31849	1.21243	480572.09
480592.09 3666825.32 3666825.32 0.36182	0.33815	480612.09
480632.09 3666825.32	0.38624	480652.09
3666825.32	0.42993	480692.09
3666825.32 0.45724		

480712.09 3666825.32 3666825.32 0.51563		480732.09
480752.09 3666825.32	0.54675	480772.09
3666825.32 0.57885 480792.09 3666825.32	0.60994	480812.09
3666825.32 0.63998		
480832.09 3666825.32 3666825.32 0.73038		
480872.09 3666825.32 3666825.32 0.81623		480892.09
480912.09 3666825.32	0.86698	480932.09
3666825.32 0.92281 480952.09 3666825.32		480972.09
3666825.32 1.04730 480992.09 3666825.32		480572.09
3666845.32 0.27983		
480592.09 3666845.32 3666845.32 0.31094		
480632.09 3666845.32 3666845.32 0.35379	0.33672	480652.09
480672.09 3666845.32	0.37546	480692.09
3666845.32 0.40000 480712.09 3666845.32		480732.09
3666845.32 0.44739 480752.09 3666845.32	0.47781	480772.09
3666845.32 0.50974 480792.09 3666845.32		480812.09
3666845.32 0.57141		
480832.09 3666845.32 3666845.32 0.63790	0.60273	480852.09
480872.09 3666845.32 3666845.32 0.72136	0.67755	480892.09
480912.09 3666845.32	0.77053	480932.09
3666845.32 0.82442 480952.09 3666845.32	2 0.88393	480972.09
3666845.32 0.95076 480992.09 3666845.32	1 01862	481012.09
3666845.32 1.08572		
480592.09 3666865.32 3666865.32 0.27509	2 0.26320	480612.09
480632.09 3666865.32 3666865.32 0.31341	0.29554	480652.09
480672.09 3666865.32	0.33292	480692.09
3666865.32 0.35358 480712.09 3666865.32	0.37322	480732.09
3666865.32 0.39213 480752.09 3666865.32	0.41409	480772.09
3666865.32 0.43958		
480792.09 3666865.32 3666865.32 0.49291	2 <b>0.</b> 46/99	480812.09

480832.09 3666865.32	0.51983	480852.09
3666865.32 0.55157 480872.09 3666865.32	0.58867	480892.09
3666865.32 0.62959 480912.09 3666865.32	0.67779	480932.09
3666865.32 0.72598 480952.09 3666865.32	0.77912	480972.09
3666865.32 0.84127 480992.09 3666865.32	0.89979	481012.09
3666865.32 0.95951 480592.09 3666885.32	0.24358	480612.09
3666885.32 0.25352 480632.09 3666885.32	0.27028	480652.09
3666885.32 0.28520 480672.09 3666885.32 3666885.32 0.31544	0.30008	480692.09
480712.09 3666885.32 3666885.32 0.34702	0.33190	480732.09
480752.09 3666885.32 3666885.32 0.38474	0.36441	480772.09
480792.09 3666885.32 3666885.32 0.42924	0.40772	480812.09
↑ *** AERMOD - VERSION 22112 *** ***  San Marcos\Pacific\Pacific *** 0  *** AERMET - VERSION 14134 *** ***  15:16	9/29/23	2\HARP\Pacific
PAGE *** MODELOPTs: RegDFAULT CONC ELE		
*** THE P VALUES FOR SOURCE GROUP: ALL ***	ERIOD ( 43872 HRS) AVERAGE CO	ONCENTRATION
	DING SOURCE(S): L0000787	, L0000788
L0000792 , L0000793 , L0000799 , L0000799	, L0000794 , L0000795	, L0000796
L0000800 , L0000801 , L0000805 , L0000806 , L0000807		, L0000804
L0000808 , L0000809 , L0000813 , L0000814 ,		, L0000812
	*** DISCRETE CARTESIAN	RECEPTOR POINTS
***		
**	** CONC OF PM_10 IN MICRO	OGRAMS/M**3
X-COORD (M) Y-COORD (M) Y-COORD (M) CONC	CONC >	K-COORD (M)

480832.09 3666885.32 0.45554 480852.09 3666885.32 0.48389 480872.09 3666885.32 480892.09 0.51460 3666885.32 0.54954 480912.09 3666885.32 0.59179 480932.09 3666885.32 0.63395 480952.09 3666885.32 0.67953 480972.09 3666885.32 0.73272 480992.09 3666885.32 0.78323 481012.09 3666885.32 0.83536 481032.09 3666885.32 0.88819 480612.09 3666905.32 0.24012 480632.09 3666905.32 0.25451 480652.09 3666905.32 0.26611 480672.09 3666905.32 480692.09 0.27662 3666905.32 0.28759 480712.09 3666905.32 0.30121 480732.09 3666905.32 0.31441 480772.09 480752.09 3666905.32 0.32962 3666905.32 0.34626 480792.09 3666905.32 0.36416 480812.09 3666905.32 0.38337 480832.09 3666905.32 0.40955 480852.09 3666905.32 0.43506 480872.09 3666905.32 480892.09 0.45921 3666905.32 0.48834 480912.09 3666905.32 0.52348 480932.09 3666905.32 0.55977 480952.09 3666905.32 480972.09 0.59861 3666905.32 0.64389 480992.09 3666905.32 0.68785 481012.09 3666905.32 0.73338 481032.09 3666905.32 0.77828 480612.09 3666925.32 0.22781 480632.09 3666925.32 0.23858 480652.09 3666925.32 0.24901 480672.09 3666925.32 0.25876 480692.09 3666925.32 0.26862 480712.09 3666925.32 480732.09 0.27997 3666925.32 0.29366 480752.09 3666925.32 0.30796 480772.09 3666925.32 0.32288 480792.09 3666925.32 0.33862 480812.09 3666925.32 0.35529 480832.09 3666925.32 0.37497 480852.09 3666925.32 0.39497 480872.09 3666925.32 0.41609 480892.09 3666925.32 0.44368 480912.09 3666925.32 0.47527 480932.09

3666925.32 0.50712 480952.09 3666925.32 0.54148 480972.09	
3666925.32	
3666925.32	
3666945.32	
3666945.32 0.23455	
480672.09 3666945.32 0.24433 480692.09 3666945.32 0.25437	
480712.09 3666945.32 0.26492 480732.09 3666945.32 0.27767	
480752.09 3666945.32 0.29130 480772.09	
3666945.32 0.30541 480792.09 3666945.32 0.31990 480812.09	
3666945.32	
3666945.32	
3666945.32 0.41745	
3666945.32 0.47786	
480952.09 3666945.32 0.50849 480972.09 3666945.32 0.54173	
480992.09 3666945.32 0.57970 481012.09 3666945.32 0.61931	
481032.09 3666945.32 0.65258 481052.09	
3666945.32	
3666965.32	ĹС
San Marcos\Pacific\Pacific *** 09/29/23	
*** AERMET - VERSION 14134 *** ***	
*** 15:16:42	
PAGE 432	
*** MODELOPTs: RegDFAULT CONC ELEV RURAL	
*** THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION	
VALUES FOR SOURCE GROUP: ALL ***	
INCLUDING SOURCE(S): L0000787 , L000078	88
,L0000789 ,L0000790 ,L0000791 , L0000792 ,L0000793 ,L0000794 ,L0000795 ,L000079	96
, L0000797 , L0000798 , L0000799 , L0000003	
, L0000805 , L0000806 , L0000807 ,	
L0000808 , L0000809 , L0000810 , L0000811 , L000081 , L0000813 , L0000814 , ,	.2

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

X-COORD (M) Y-COORD (M) Y-COORD (M) CONC	CONC	X-COORD (M)
480672.09 3666965.32 3666965.32 0.24272		480692.09
480712.09 3666965.32 3666965.32 0.26477	0.25352	480732.09
480752.09 3666965.32	0.27809	480772.09
3666965.32 0.29218 480792.09 3666965.32	0.30616	480812.09
3666965.32 0.32155 480832.09 3666965.32	0.34170	480852.09
3666965.32 0.36192 480872.09 3666965.32		480892.09
3666965.32 0.40408 480912.09 3666965.32		480932.09
3666965.32 0.46543 480952.09 3666965.32		480972.09
3666965.32 0.51641 480992.09 3666965.32	0.55220	481012.09
3666965.32 0.58825 481032.09 3666965.32	0.62709	481052.09
3666965.32 0.67065 480632.09 3666985.32	0.20399	480652.09
3666985.32 0.21288 480672.09 3666985.32	0.22279	480692.09
3666985.32 0.23342 480712.09 3666985.32		480732.09
3666985.32 0.25510 480752.09 3666985.32	0.26924	480772.09
3666985.32 0.28502 480792.09 3666985.32	0.30117	480812.09
3666985.32 0.31757 480832.09 3666985.32	0.33644	480852.09
3666985.32 0.35718 480872.09 3666985.32	0.38023	480892.09
3666985.32 0.40695 480912.09 3666985.32	0.43573	480932.09
3666985.32 0.46393 480952.09 3666985.32	0.49211	480972.09
3666985.32 0.52109 480992.09 3666985.32	0.55812	481012.09
3666985.32 0.59536		

481032.09 3666985.32	0.63403	481052.09
3666985.32 0.67491 481072.09 3666985.32		480652.09
3667005.32 0.20709	0.71987	480652.09
480672.09 3667005.32	0 21708	480692.09
3667005.32 0.22737	0.21700	+00052.05
480712.09 3667005.32	0.23731	480732.09
3667005.32 0.24808		
480752.09 3667005.32	0.26352	480772.09
3667005.32 0.28117		
480792.09 3667005.32	0.29863	480812.09
3667005.32 0.31578		
480832.09 3667005.32	0.33573	480852.09
3667005.32 0.35957		
480872.09 3667005.32	0.38748	480892.09
3667005.32 0.41777		
480912.09 3667005.32	0.44613	480932.09
3667005.32 0.47421		
480952.09 3667005.32	0.50320	480972.09
3667005.32 0.53439		
480992.09 3667005.32	0.57050	481012.09
3667005.32 0.60728		
481032.09 3667005.32	0.64537	481052.09
3667005.32 0.68462	0.70445	400553 00
481072.09 3667005.32	0.72145	480652.09
3667025.32 0.20372	0. 21412	400603.00
480672.09 3667025.32	0.21413	480692.09
3667025.32 0.22449 480712.09 3667025.32	0.22264	480732.09
3667025.32 0.24364	0.23364	480/32.09
480752.09 3667025.32	0 26156	480772.09
3667025.32 0.28200	0.20130	480/72.09
480792.09 3667025.32	0 29959	480812.09
3667025.32 0.31744	0.23333	480812.09
480832.09 3667025.32	0.34098	480852.09
3667025.32 0.37009	0.3 1030	100032.03
480872.09 3667025.32	0.40356	480892.09
3667025.32 0.43512		
480912.09 3667025.32	0.46415	480932.09
3667025.32 0.49274		
↑ *** AERMOD - VERSION 22112 ***	*** C:\Users\apoll\Desk	ctop\HARP2\HARP\Pacific
<pre>San Marcos\Pacific\Pacific ***</pre>	09/29/23	
*** AERMET - VERSION 14134 ***	***	
***	15:16:42	

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

 $$^{***}$$  THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  $$^{***}$$ 

INCLUI	DING SOURCE(S): L00007	'87 , L0000788
, L0000789 , L0000790 , L0000791	,	
L0000792 , L0000793 , L0000797 , L0000798 , L0000799		95 , L0000796
L0000800 , L0000801	, L0000802 , L00008	303 , L0000804
, L0000805 , L0000806 , L0000807	,	, 100000
L0000808 , L0000809	, L0000810 , L00008	311 , L0000812
, L0000813 , L0000814 ,	,	
	*** DISCRETE CARTESI	AN RECEPTOR POINTS
***	DISCRETE CARTESI	AN RECEITOR FOINTS
	** CONC OF PM_10 IN MI	CROGRAMS/M**3
**		
X-COORD (M) Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M) CONC	Conc	A COOKD (11)
480952.09 3667025.32	0.52154	480972.09
3667025.32 0.55099 480992.09 3667025.32	0 59353	481012.09
3667025.32 0.61778	0.36333	481012.09
481032.09 3667025.32	0.65522	481052.09
3667025.32 0.69428		
481072.09 3667025.32	0.72320	481092.09
3667025.32 0.76132 480672.09 3667045.32	0.21541	480692.09
3667045.32 0.22659	0.21341	400092.09
480712.09 3667045.32	0.24113	480732.09
3667045.32 0.25374		
480752.09 3667045.32	0.27198	480772.09
3667045.32 0.29334 480792.09 3667045.32	0.21500	400012 AO
3667045.32 0.33709	0.31309	480812.09
480832.09 3667045.32	0.36231	480852.09
3667045.32 0.38948		
480872.09 3667045.32	0.41949	480892.09
3667045.32 0.45543 480912.09 3667045.32	0.49007	480932.09
3667045.32 0.50781	0.48097	480932.09
480952.09 3667045.32	0.53557	480972.09
3667045.32 0.56332		
480992.09 3667045.32	0.59687	481012.09
3667045.32 0.62120	0.64754	404053 00
481032.09 3667045.32 3667045.32 0.68192	0.64/51	481052.09
481072.09 3667045.32	0.71099	481092.09
3667045.32 0.75104		
400672 00 2667065 22	0 22105	400603.00

480692.09

480672.09 3667065.32 0.22105

3667065.32 0.23467		
480712.09 3667065.32	0.25387	480732.09
3667065.32 0.26981		
480752.09 3667065.32	0.28873	480772.09
3667065.32 0.31069		
480792.09 3667065.32	0.33511	480812.09
3667065.32 0.35913		
480832.09 3667065.32	0.38292	480852.09
3667065.32 0.40738 480872.09 3667065.32	0.42492	480892.09
480872.09 3667065.32 3667065.32 0.46963	0.43482	480892.09
480912.09 3667065.32	0 49323	480932.09
3667065.32 0.51455	0.43323	400332:03
480952.09 3667065.32	0.53666	480972.09
3667065.32 0.56302		
3667065.32 0.56302 480992.09 3667065.32	0.59556	481012.09
3667065.32 0.61723		
481032.09 3667065.32	0.64032	481052.09
3667065.32 0.67092		
481072.09 3667065.32	0.69754	481092.09
3667065.32 0.73320	0 22422	480692.09
480672.09 3667085.32 3667085.32 0.24864	0.23123	480692.09
480712.09 3667085.32	0 26670	480732.09
3667085.32 0.28454		
480752.09 3667085.32	0.30480	480772.09
3667085.32 0.32738		
480792.09 3667085.32	0.35136	480812.09
3667085.32 0.37416		
480832.09 3667085.32	0.39342	480852.09
3667085.32 0.41678		
480872.09 3667085.32	0.44483	480892.09
3667085.32 0.47126	0.40657	400033 00
480912.09 3667085.32 3667085.32 0.50788	0.4965/	480932.09
480952.09 3667085.32	0 51676	480972.09
3667085.32 0.54345	0.31070	+00372.03
480992.09 3667085.32	0.57107	481012.09
3667085.32 0.60322		
481032.09 3667085.32	0.63487	481052.09
3667085.32 0.66236		
	0.68089	481092.09
3667085.32 0.70411	0.73004	400500 00
481112.09 3667085.32 3667105.32 0.26117	0.73091	480692.09
480712.09 3667105.32	A 27806	480732.09
3667105.32 0.29699	0.27890	480/32.09
480752.09 3667105.32	0.31691	480772.09
3667105.32 0.33817		
↑ *** AERMOD - VERSION 22112 ***	*** C:\Users\apoll\Des	ktop\HARP2\HARP\Pacific
	•	

San Marcos\Pacific\Pacific \*\*\* 09/29/23 
\*\*\* AERMET - VERSION 14134 \*\*\* 
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3667125.32 0.30335

3667125.32 0.34208

3667125.32 0.37775

480752.09 3667125.32 0.32202

480792.09 3667125.32 0.36234

\*\*\* 15:16:42

19.10	:42	
PAGE *** MODELOPTs: RegDFAULT CONC ELE		
VALUES FOR SOURCE GROUP: ALL *** INCLU	ERIOD ( 43872 HRS) AVERAGE CONCENT	FRATION L0000788
, L0000789 , L0000790 , L0000791 L0000792 , L0000793	, , L0000794 , L0000795 ,	L0000796
L0000792 , L0000793 , L0000799 , L0000799 , L0000800 , L0000801	, , L0000802 , L0000803 ,	L0000804
, L0000805 , L0000806 , L0000807	<b>J</b>	L0000812
, L0000813 , L0000814 ,		
***	*** DISCRETE CARTESIAN RECEP	PTOR POINTS
**	** CONC OF PM_10 IN MICROGRAMS	5/M**3
X-COORD (M) Y-COORD (M) Y-COORD (M) CONC	CONC X-COOF	RD (M)
	CONC X-COOF	RD (M)
Y-COORD (M) CONC 		RD (M)  312.09
Y-COORD (M) CONC  480792.09 3667105.32  3667105.32 0.37837  480832.09 3667105.32		
Y-COORD (M) CONC  480792.09 3667105.32  3667105.32 0.37837  480832.09 3667105.32  3667105.32 0.42160  480872.09 3667105.32		312.09
Y-COORD (M) CONC  480792.09 3667105.32  3667105.32 0.37837  480832.09 3667105.32  3667105.32 0.42160  480872.09 3667105.32  3667105.32 0.46371  480912.09 3667105.32		 312.09 352.09
Y-COORD (M) CONC  480792.09 3667105.32  3667105.32 0.37837  480832.09 3667105.32  3667105.32 0.42160  480872.09 3667105.32  3667105.32 0.46371  480912.09 3667105.32  3667105.32 0.49602  480952.09 3667105.32	0.36001       4808         0.39836       4808         0.44583       4808         0.48191       4809	312.09 352.09 392.09
Y-COORD (M) CONC  480792.09 3667105.32  3667105.32 0.37837  480832.09 3667105.32  3667105.32 0.42160  480872.09 3667105.32  3667105.32 0.46371  480912.09 3667105.32  3667105.32 0.49602  480952.09 3667105.32  3667105.32 0.53394  480992.09 3667105.32	0.36001 4808 0.39836 4808 0.44583 4808 0.48191 4809 0.51107 4809	312.09 352.09 392.09
Y-COORD (M) CONC  480792.09 3667105.32  3667105.32 0.37837 480832.09 3667105.32  3667105.32 0.42160 480872.09 3667105.32  3667105.32 0.46371 480912.09 3667105.32  3667105.32 0.49602 480952.09 3667105.32  3667105.32 0.53394 480992.09 3667105.32  3667105.32 0.57783 481032.09 3667105.32	0.36001       4808         0.39836       4808         0.44583       4808         0.48191       4809         0.51107       4809         0.55373       4816	312.09 352.09 392.09 932.09
Y-COORD (M) CONC  480792.09 3667105.32  3667105.32 0.37837  480832.09 3667105.32  3667105.32 0.42160  480872.09 3667105.32  3667105.32 0.46371  480912.09 3667105.32  3667105.32 0.49602  480952.09 3667105.32  3667105.32 0.53394  480992.09 3667105.32  3667105.32 0.57783  481032.09 3667105.32  3667105.32 0.62292	0.36001       4808         0.39836       4808         0.44583       4808         0.48191       4809         0.51107       4809         0.55373       4816         0.60237       4816	312.09 352.09 392.09 932.09 972.09

480772.09

480812.09

480832.09 3667125.32	0.39814	480852.09
3667125.32 0.41928 480872.09 3667125.32		
3667125.32 0.44906 480912.09 3667125.32	0.46049	480932.09
3667125.32 0.47611 480952.09 3667125.32		
3667125.32 0.51048 480992.09 3667125.32		
3667125.32 0.53671 481032.09 3667125.32		480712.09
3667145.32 0.28983 480732.09 3667145.32		480752.09
3667145.32 0.32147		
480772.09 3667145.32 3667145.32 0.36101		
480812.09 3667145.32 3667145.32 0.39383		
480852.09 3667145.32 3667145.32 0.41973		480872.09
480892.09 3667145.32 3667145.32 0.43799		480912.09
480932.09 3667145.32 3667145.32 0.45945		480952.09
480972.09 3667145.32 3667145.32 0.47344	0.46894	480992.09
480712.09 3667165.32 3667165.32 0.30291	0.28794	480732.09
480752.09 3667165.32 3667165.32 0.33571		
480792.09 3667165.32 3667165.32 0.36561	0.35012	480812.09
480832.09 3667165.32 3667165.32 0.37772	0.37207	480852.09
480872.09 3667165.32	0.38478	480892.09
3667165.32 0.39134 480912.09 3667165.32	0.40050	480932.09
3667165.32 0.40844 480952.09 3667165.32	0.41579	480712.09
3667185.32 0.28323 480732.09 3667185.32	0.29766	480752.09
3667185.32 0.31276 480772.09 3667185.32	0.32466	480792.09
3667185.32 0.33176 480812.09 3667185.32	0.34350	480832.09
3667185.32 0.34227 480852.09 3667185.32	0.34197	480872.09
3667185.32 0.34561 480892.09 3667185.32	0.34942	480912.09
3667185.32 0.35686		

480732.09 3667205.32	0.28450	480752.09
3667205.32 0.29610 480772.09 3667205.32 3667205.32 0.30559	0.30407	480792.09
480812.09 3667205.32 3667205.32 0.31066	0.30890	480832.09
480852.09 3667205.32 3667205.32 0.31389	0.31228	480872.09
<pre>★ *** AERMOD - VERSION 22112 *** ** San Marcos\Pacific\Pacific *** *** AERMET - VERSION 14134 *** ***</pre>	09/29/23	P2\HARP\Pacific
PAGE	435	
*** MODELOPTs: RegDFAULT CONC EL		
*** THE VALUES FOR SOURCE GROUP: ALL ***	PERIOD ( 43872 HRS) AVERAGE (	CONCENTRATION
INCL , L0000789 , L0000790 , L0000791	UDING SOURCE(S): L000078	7 , L0000788
L0000792 , L000079	· · · · · · · · · · · · · · · · · · ·	5 , L0000796
, L0000797 , L0000798 , L0000799 L0000800 , L000080	-	3 , L0000804
, L0000805 , L0000806 , L0000807 L0000808 , L000080		1 , L0000812
, L0000813 , L0000814 ,	•	, 10000012
	*** DISCRETE CARTESIA	N RECEPTOR POINTS
***	*** DISCRETE CARTESIA	N RECEPTOR POINTS
***	*** DISCRETE CARTESIAN  ** CONC OF PM_10 IN MICH	
**  X-COORD (M) Y-COORD (M)  Y-COORD (M) CONC	** CONC OF PM_10 IN MICH	ROGRAMS/M**3  X-COORD (M)
**  X-COORD (M) Y-COORD (M)  Y-COORD (M) CONC	** CONC OF PM_10 IN MICH	ROGRAMS/M**3
**  X-COORD (M) Y-COORD (M)  Y-COORD (M) CONC	** CONC OF PM_10 IN MICH	ROGRAMS/M**3  X-COORD (M)
**  X-COORD (M) Y-COORD (M)  Y-COORD (M) CONC	** CONC OF PM_10 IN MICH	<pre>ROGRAMS/M**3  X-COORD (M)</pre>
**  X-COORD (M) Y-COORD (M)  Y-COORD (M) CONC	** CONC OF PM_10 IN MICH	X-COORD (M) 480912.09 480732.09 480772.09
**  X-COORD (M) Y-COORD (M)  Y-COORD (M) CONC	** CONC OF PM_10 IN MICH	X-COORD (M) 480912.09 480732.09
**  X-COORD (M) Y-COORD (M)  Y-COORD (M) CONC	** CONC OF PM_10 IN MICH	X-COORD (M) 480912.09 480732.09 480772.09
**  X-COORD (M) Y-COORD (M)  Y-COORD (M) CONC	** CONC OF PM_10 IN MICH	X-COORD (M) 480912.09 480732.09 480772.09 480812.09

3667225.32 0.30028		
480752.09 3667245.32	0 24286	480772.09
3667245.32 0.24417	0.24200	400772.03
480792.09 3667245.32	0.24497	480812.09
3667245.32 0.24605	0.2.137	100012.03
480832.09 3667245.32	0.24974	480852.09
3667245.32 0.25359	3.2.37.	100032.03
480872.09 3667245.32	0.25839	480892.09
3667245.32 0.26773	0.25035	100032.03
480912.09 3667245.32	0 27789	480932.09
3667245.32 0.29198		
480952.09 3667245.32	0 30985	480752.09
3667265.32 0.21475	0.30303	4007 52:05
480772.09 3667265.32	0 21744	480792.09
		480792.09
3667265.32 0.22048 480812.09 3667265.32	0 22610	480832.09
	0.22010	480832.09
3667265.32 0.23094 480852.09 3667265.32	0. 22691	480872.09
3667265.32 0.24507	0.23081	480872.09
	0. 25021	480912.09
480892.09 3667265.32 3667265.32 0.27329	0.25821	480912.09
	0.20125	480952.09
480932.09 3667265.32	0.29125	480952.09
3667265.32 0.31170	0 05005	481012.09
480992.09 3667265.32	0.35295	481012.09
3667265.32 0.37552		
481032.09 3667265.32	0.39928	480772.09
3667285.32 0.20094		
480792.09 3667285.32	0.20725	480812.09
3667285.32 0.21510		
480832.09 3667285.32	0.22316	480852.09
3667285.32 0.23271		
480872.09 3667285.32	0.24444	480892.09
3667285.32 0.25932		
480912.09 3667285.32	0.27495	480932.09
3667285.32 0.29305		
480952.09 3667285.32	0.31366	480972.09
3667285.32 0.33639		
480992.09 3667285.32	0.35477	481012.09
3667285.32 0.37564		
481032.09 3667285.32	0.39756	481052.09
3667285.32 0.41975		
480772.09 3667305.32	0.19451	480792.09
3667305.32 0.20310		
480812.09 3667305.32	0.21114	480832.09
3667305.32 0.22160		
480852.09 3667305.32	0.23444	480872.09
3667305.32 0.24928		
480892.09 3667305.32	0.26485	480912.09
3667305.32 0.27873		
480932.09 3667305.32	0.29520	480952.09
	<del></del>	

2667205 22 0 24504		
3667305.32 0.31504 480972.09 3667305.32	0.33809	480992.09
3667305.32 0.35624 481012.09 3667305.32	0.37463	481032.09
3667305.32 0.39269 481052.09 3667305.32	0.41068	480772.09
3667325.32 0.19397 480792.09 3667325.32		480812.09
3667325.32 0.21432 480832.09 3667325.32		480852.09
3667325.32 0.23839		
480872.09 3667325.32 3667325.32 0.26800		480892.09
480912.09 3667325.32 3667325.32 0.29821	0.28031	480932.09
480952.09 3667325.32 3667325.32 0.34099	0.32002	480972.09
↑ *** AERMOD - VERSION 22112 *** ***  San Marcos\Pacific\Pacific *** 0  *** AERMET - VERSION 14134 *** ***  15:16	9/29/23	2\HARP\Pacific
PAGE *** MODELOPTs: RegDFAULT CONC ELE		
VALUES FOR SOURCE GROUP: ALL ***	, L0000794 , L0000795 , L0000802 , L0000803	, L0000788
	, L0000810 , L0000811	, L0000812
***	*** DISCRETE CARTESIAN	RECEPTOR POINTS
**	** CONC OF PM_10 IN MICRO	OGRAMS/M**3
X-COORD (M) Y-COORD (M) Y-COORD (M) CONC	CONC >	(-COORD (M)
480992.09 3667325.32	 0.35788	481012.09
3667325.32 0.37306 481032.09 3667325.32 3667325.32 0.40107		481052.09

404072 00 2667225 22	0.41040	401133 00
481072.09 3667325.32 3667325.32 0.47952	0.41940	481132.09
481152.09 3667325.32	0.50020	481172.09
3667325.32 0.52955		
481192.09 3667325.32	0.56429	480792.09
3667345.32 0.20611		
480812.09 3667345.32	0.21776	480832.09
3667345.32 0.22914	0.24159	400070 00
480852.09 3667345.32 3667345.32 0.25558	0.24159	480872.09
480892.09 3667345.32	0.27080	480912.09
2667245 22 0 20206		
480932.09 3667345.32	0.30090	480952.09
2667245 22 0 22170		
480972.09 3667345.32	0.33925	480992.09
3667345.32 0.35326		
481012.09 3667345.32	0.36531	481032.09
3667345.32 0.37618	0.38746	401072 00
481052.09 3667345.32 3667345.32 0.40361		
481092.09 3667345.32	0.42081	481112.09
3667345.32 0.44039		
481132.09 3667345.32	0.46189	481152.09
3667345.32 0.48357		
481172.09 3667345.32	0.51403	481192.09
3667345.32 0.54863 480792.09 3667365.32	0.0000	
480/92.09 366/365.32 3667365.32 0.22069	0.20933	480812.09
480832.09 3667365.32	0.23153	480852.09
3667365.32 0.24365	0.23133	400002.00
480872.09 3667365.32	0.25761	480892.09
3667365.32 0.27265		
480912.09 3667365.32	0.28549	480932.09
3667365.32 0.30154		
480952.09 3667365.32	0.31830	480972.09
3667365.32 0.33186 480992.09 3667365.32	0.24280	481012.09
3667365.32 0.35331	0.34280	481012.09
481032.09 3667365.32	0.36326	481052.09
3667365.32 0.37340	0.00020	.02002.00
481072.09 3667365.32	0.38824	481092.09
3667365.32 0.40573		
481112.09 3667365.32	0.42535	481132.09
3667365.32 0.44714	0.47440	404472 00
481152.09 3667365.32	0.4/112	481172.09
3667365.32 0.50257 481192.09 3667365.32	0.53538	480812.09
3667385.32 0.22146	0.0000	100012.00
480832.09 3667385.32	0.23417	480852.09
3667385.32 0.24787		

480872.09 3667385.32	0.26111	480892.09
3667385.32 0.27368		
480912.09 3667385.32	0.28507	480932.09
3667385.32 0.29604		
480952.09 3667385.32	0 30665	480972.09
	0.30003	480972.09
3667385.32 0.31689		
480992.09 3667385.32	0.32752	481012.09
3667385.32 0.33902		
481032.09 3667385.32	0.35169	481052.09
3667385.32 0.36537		
	0 27020	481003 00
481072.09 3667385.32	0.37928	481092.09
3667385.32 0.39447		
481112.09 3667385.32	0.41288	481132.09
3667385.32 0.43489		
481152.09 3667385.32	0.45890	481172.09
3667385.32 0.48784	0.15050	1011/2:03
	0. 500.47	481212.09
481192.09 3667385.32	0.5224/	481212.09
3667385.32 0.55953		
480812.09 3667405.32	0.22321	480832.09
3667405.32 0.23603		
480852.09 3667405.32	0 24914	480872.09
3667405.32 0.26073	0.24314	400072.03
	0.0=0.40	400040 00
480892.09 3667405.32	0.27042	480912.09
3667405.32 0.28001		
480932.09 3667405.32	0.28785	480952.09
3667405.32 0.29542		
↑ *** AERMOD - VERSION 22112 ***	*** C.\IIsans\anoll\Daskto	n\HARD2\HARD\Dacific
Con Managa Dagific Dagific ***	00 /20 /22	P (HART 2 (HART (FACTITE
San Marcos\Pacific\Pacific ***	09/29/23	
*** AERMET - VERSION 14134 ***	***	
***	15:16:42	
	PAGE 437	
*** MODELOPTs: RegDFAULT CONC		
MODILIOFIS. RESULAULI CONC	LLLV NONAL	
	THE PERIOD ( 43872 HRS) AVE	RAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL	***	

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INCLUDING SOURCE(S):
                                                                        , L0000788
                                                         L0000787
              , L0000790
                            , L0000791
, L0000789
                            , L0000793
                 L0000792
                                            , L0000794
                                                          , L0000795
                                                                        , L0000796
              , L0000798
                            , L0000799
 L0000797
                            , L0000801
                                                                        , L0000804
                 L0000800
                                            , L0000802
                                                          , L0000803
              , L0000806
 L0000805
                            , L0000807
                             , L0000809
                                            , L0000810
                                                          , L0000811
                                                                        , L0000812
                 L0000808
, L0000813
              , L0000814
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\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

X-COORD (M) Y-COORD (M) Y-COORD (M) CONC	CONC	X-COORD (M)
480972.09 3667405.32	0.30474	480992.09
3667405.32 0.31592 481012.09 3667405.32	a 22705	481032.09
3667405.32 0.34134	0.32/93	401032.09
481052.09 3667405.32	0.35593	481072.09
2667405 22 0 26070		
481092.09 3667405.32	0.38303	481112.09
3667405.32 0.40123 481132.09 3667405.32		
481132.09 3667405.32	0.42394	481152.09
3667405.32 0.44949 481172.09 3667405.32	0 47726	491102 00
3667405.32 0.51128	0.4//36	481192.09
481212.09 3667405.32	0 54647	480832.09
3667425.32 0.23568	0.54047	+00032.03
480852.09 3667425.32	0.24586	480872.09
3667425.32 0.25529		
480892.09 3667425.32	0.26284	480912.09
3667425.32 0.27173		
480932.09 3667425.32		480952.09
3667425.32 0.28684 480972.09 3667425.32	0.20600	400003 00
4809/2.09 366/425.32	0.29690	480992.09
3667425.32 0.30845 481012.09 3667425.32	0 31973	481032.09
3667425.32 0.33181	0.51575	+01032.03
481052.09 3667425.32	0.34501	481072.09
3667425.32 0.35641		
481092.09 3667425.32	0.37136	481112.09
3667425.32 0.39059		
481132.09 3667425.32	0.41468	481152.09
3667425.32 0.44293	0. 47026	480832.09
481172.09 3667425.32	0.4/026	480832.09
3667445.32 0.22950 480852.09 3667445.32	0 23671	480872.09
3667445.32 0.24558	0.230/1	400072.03
480892.09 3667445.32	0.25380	480912.09
3667445.32 0.26236		
480932.09 3667445.32	0.27052	480952.09
3667445.32 0.27899		
480972.09 3667445.32	0.28849	480992.09
3667445.32 0.30043	0.24000	404033 00
481012.09 3667445.32 3667445.32 0.32021	8.31008	481032.09
481052.09 3667445.32	0.33282	481072.09
3667445.32 0.34630	0.55202	4010/2:05
481092.09 3667445.32	0.36362	481112.09

3667445.32 0.38428 480832.09 3667465.32 0.22141	480852.09
3667465.32 0.22741 480872.09 3667465.32 0.23603	480892.09
3667465.32 0.24531	480932.09
480912.09 3667465.32 0.25423 3667465.32 0.26296	
480952.09 3667465.32 0.27171 3667465.32 0.28078	480972.09
480992.09 3667465.32 0.29176	481012.09
3667465.32 0.30088 481032.09 3667465.32 0.31050	481052.09
3667465.32 0.32269 481072.09 3667465.32 0.33703	481092.09
3667465.32 0.35631	
481112.09 3667465.32 0.37863 3667465.32 0.40309	481132.09
480852.09 3667485.32 0.22074 3667485.32 0.22883	480872.09
480892.09 3667485.32 0.23841	480912.09
3667485.32 0.24749 480932.09 3667485.32 0.25582	480952.09
3667485.32 0.26396 480972.09 3667485.32 0.27284	480992.09
3667485.32 0.28174	
481012.09 3667485.32 0.29241 3667485.32 0.30399	481032.09
481052.09 3667485.32 0.31606 3667485.32 0.32891	481072.09
481092.09 3667485.32 0.34884	481112.09
3667485.32 0.37220 481132.09 3667485.32 0.39698	480852.09
3667505.32	480892.09
3667505.32 0.23189	
↑ *** AERMOD - VERSION 22112 *** *** C:\Users\ San Marcos\Pacific\Pacific *** 09/29/23	apoll\Desktop\HARP2\HARP\Pacific
*** AERMET - VERSION 14134 *** ***	
*** 15:16:42	
PAGE 438	
*** MODELOPTs: RegDFAULT CONC ELEV RURAL	
*** THE PERIOD ( 438 VALUES FOR SOURCE GROUP: ALL ***	372 HRS) AVERAGE CONCENTRATION
INCLUDING SOURCE	E(S): L0000787 , L0000788
, L0000789 , L0000790 , L0000791 , L0000792 , L0000793 , L0000	0794 , L0000795 , L0000796
, L0000797 , L0000798 , L0000799 , L0000800 , L0000801 , L0000801	
20000000 , 20000001 , 20000	, 1000000

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, L0000805 , L0000806 , L0000807 , L0000808 , L0000809 , L0000810 , L0000811 , L0000812 , L0000813 , L0000814 , . . . . ,
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\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

**	_	
X-COORD (M) Y-COORD (M) Y-COORD (M) CONC	CONC	X-COORD (M)
480912.09 3667505.32	0.24107	480932.09
3667505.32 0.24981 480952.09 3667505.32		
	0.25821	480972.09
3667505.32 0.26634 480992.09 3667505.32	a 27200	481012.09
3667505.32 0.28331	0.2/309	481012.09
481032.09 3667505.32	0.29445	481052.09
3667505.32 0.30759		
481072.09 3667505.32	0.32402	481092.09
3667505.32 0.34473		
481112.09 3667505.32	0.36711	481132.09
3667505.32 0.38940 480872.09 3667525.32	0.24552	400003 00
2667525 22 0 22602		480892.09
480912.09 3667525.32	0 23464	480932.09
244====================================		400332.03
3667525.32 0.24311 480952.09 3667525.32	0.25137	480972.09
3667525.32 0.25903		
480992.09 3667525.32	0.26631	481012.09
3667525.32 0.27537		
481032.09 3667525.32	0.28687	481052.09
3667525.32 0.30152 481072.09 3667525.32	0 22005	481092.09
3667525.32 0.34127	0.32003	481092.09
481112.09 3667525.32	0.36152	481132.09
3667525.32 0.38097		
481152.09 3667525.32	0.39999	480872.09
3667545.32 0.21209		
480892.09 3667545.32	0.22039	480912.09
3667545.32 0.22812	0 22541	480053.00
480932.09 3667545.32 3667545.32 0.24262	0.23541	480952.09
480972.09 3667545.32	0.25025	480992.09
3667545.32 0.25875	0.25025	100352.03
481012.09 3667545.32	0.26943	481032.09
3667545.32 0.28278		

481052.09 3667545.32	0.29890	481072.09
3667545.32 0.31815 481092.09 3667545.32	0.33705	481112.09
3667545.32 0.35487 481132.09 3667545.32	0.37214	481152.09
3667545.32 0.39091 480892.09 3667565.32	0.21401	480912.09
3667565.32 0.22132 480932.09 3667565.32	0.22836	480952.09
3667565.32 0.23548 480972.09 3667565.32	0.24342	480992.09
3667565.32 0.25276 481012.09 3667565.32	0.26476	481032.09
3667565.32 0.27964 481052.09 3667565.32	0.29683	481072.09
3667565.32 0.31455 481092.09 3667565.32	0.33179	481112.09
3667565.32 0.34800 480892.09 3667585.32	0.20727	480912.09
3667585.32 0.21447 480932.09 3667585.32	0.22180	480952.09
3667585.32 0.22959 480972.09 3667585.32	0.23827	480992.09
3667585.32 0.24865 481012.09 3667585.32	0.26163	481032.09
3667585.32 0.27711 481052.09 3667585.32	0.29423	481072.09
3667585.32 0.31004 481132.09 3667585.32	0.35320	481152.09
3667585.32 0.36537 481172.09 3667585.32	0.37539	481192.09
3667585.32 0.38490 480892.09 3667605.32	0.20062	480912.09
3667605.32 0.20760 480952.09 3667605.32		480972.09
3667605.32 0.23454 480992.09 3667605.32	0.24660	481012.09
3667605.32 0.26016 481032.09 3667605.32	0.27481	481092.09
3667605.32 0.31747 481112.09 3667605.32	0.32933	481132.09
3667605.32 0.34088 481152.09 3667605.32	0.35201	481172.09
3667605.32 0.36091 ♠ *** AERMOD - VERSION 22112 ***	*** C:\Users\apoll\De	sktop\HARP2\HARP\Pacific
<pre>San Marcos\Pacific\Pacific ***   *** AERMET - VERSION 14134 ***</pre>		
***	15:16:42	

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

•	
	ERIOD ( 43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***	
	DING SOURCE(S): L0000787 , L0000788
, L0000789 , L0000790 , L0000791 L0000792 , L0000793	, L0000794 , L0000795 , L0000796
, L0000797 , L0000798 , L0000799	
	, L0000802 , L0000803 , L0000804
, L0000805 , L0000806 , L0000807	-
	, L0000810 , L0000811 , L0000812
, L0000813 , L0000814 ,	,
	*** DISCRETE CARTESIAN RECEPTOR POINTS
***	
	** CONC OF PM_10 IN MICROGRAMS/M**3
**	
X-COORD (M) Y-COORD (M)	CONC X-COORD (M)
Y-COORD (M) CONC	X COOKD (11)
481192.09 3667605.32	0.37010 481232.09
3667605.32 0.38362	0 20052 491272 00
481252.09 3667605.32 3667605.32 0.39933	0.39053 481272.09
480952.09 3667625.32	0.22035 480972.09
3667625.32 0.23135	
480992.09 3667625.32	0.24458 481052.09
3667625.32 0.28435	404000
481072.09 3667625.32 3667625.32 0.30948	0.29807 481092.09
481112.09 3667625.32	0.31985 481132.09
3667625.32 0.32930	0.52505
481152.09 3667625.32	0.33733 481172.09
3667625.32 0.34577	
481192.09 3667625.32	0.35498 481212.09
3667625.32 0.36326 481232.09 3667625.32	0.36854 481252.09
3667625.32 0.37409	401252.05
481272.09 3667625.32	0.38008 480992.09
3667645.32 0.24238	
	0.25428 481032.09
3667645.32 0.26559	0.2777
481052.09 3667645.32 3667645.32 0.28980	0.27775 481072.09
481092.09 3667645.32	0.29944 481112.09
3667645.32 0.30911	
481132.09 3667645.32	0.31826 481152.09

3667645.32 0.32370		
481172.09 3667645.32	0.33179	481192.09
	0,332,3	101151105
3667645.32 0.34061 481212.09 3667645.32	0.34851	481232.09
3667645.32 0.35380		
481252.09 3667645.32	0.35823	481272.09
3667645.32 0.36140		
481292.09 3667645.32	0.36546	481312.09
3667645.32 0.37074		
481332.09 3667645.32	0.37334	481352.09
3667645.32 0.37840		
480952.09 3667665.32	0.21498	480972.09
3667665.32 0.22604		
480992.09 3667665.32	0.23856	481012.09
3667665.32 0.25006		
481032.09 3667665.32	0.26030	481052.09
3667665.32 0.26945		
481072.09 3667665.32		481092.09
3667665.32 0.28254		
481112.09 3667665.32	0.29275	481132.09
3667665.32 0.30801		
481152.09 3667665.32	0.31397	481172.09
3667665.32 0.32117		481212.09
481192.09 3667665.32		
3667665.32 0.33376	0 22724	481252.09
481232.09 3667665.32		
3667665.32 0.34162	0.24522	481292.09
481272.09 3667665.32	0.34523	481292.09
3667665.32 0.34867 481312.09 3667665.32	0.25226	481332.09
481312.09 3667665.32 3667665.32 0.35576	0.35236	481332.09
481352.09 3667665.32	0 26070	481372.09
3667665.32 0.36559	0.30070	401372.09
480932.09 3667685.32	0 20238	480952.09
3667685.32 0.21267	0.20230	400732.07
480972.09 3667685.32	0.22320	480992.09
3667685.32 0.23383	0.22320	100332.03
481012.09 3667685.32	0.24163	481032.09
3667685.32 0.24919		
481052.09 3667685.32	0.25832	481072.09
3667685.32 0.26777		
481092.09 3667685.32	0.27195	481112.09
3667685.32 0.28139		
481132.09 3667685.32	0.29534	481152.09
3667685.32 0.30296		
481172.09 3667685.32	0.30915	481192.09
3667685.32 0.31481		
481212.09 3667685.32	0.31943	481232.09
3667685.32 0.32265		
481252.09 3667685.32	0.32614	481272.09

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3667685.32 0.32968
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481292.09 3667685.32 0.33310 481312.09

3667685.32 0.33643

↑ \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP\Pacific

San Marcos\Pacific\Pacific \*\*\* 09/29/23

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

\*\*\* 15:16:42

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

## \*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): L0000787 , L0000788

, L0000789 , L0000790 , L0000791 , L0000792 , L0000793 , L00

L0000792 , L0000793 , L0000794 , L0000795 , L0000796

, L0000797 , L0000798 , L0000799

L0000800 , L0000801 , L0000802 , L0000803 , L0000804

, L0000805 , L0000806 , L0000807 ,

L0000808 , L0000809 , L0000810 , L0000811 , L0000812

, L0000813 , L0000814 , . . .

## \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM 10 IN MICROGRAMS/M\*\*3

X-COORD (M) Y-COORD (M) Y-COORD (M) CONC	CONC	X-COORD (M)
481332.09 3667685.32	0.34045	481352.09
3667685.32 0.34510		
481372.09 3667685.32	0.34959	480932.09
3667705.32 0.19906		
480952.09 3667705.32	0.20947	480972.09
3667705.32 0.21945		
480992.09 3667705.32	0.22820	481012.09
3667705.32 0.23199		
481032.09 3667705.32	0.23728	481052.09
3667705.32 0.24704		
481072.09 3667705.32	0.25715	481092.09
3667705.32 0.26438		
481112.09 3667705.32	0.27262	481132.09
3667705.32 0.28238		
481152.09 3667705.32	0.29144	481172.09
3667705.32 0.29657		
481192.09 3667705.32	0.30120	481212.09
3667705.32 0.30535		

481232.09 3667705.32	0.30896	481252.09
3667705.32 0.31167 481272.09 3667705.32	0.31512	481292.09
3667705.32 0.31871		.0
481312.09 3667705.32	0.32222	481332.09
3667705.32 0.32649		
481352.09 3667705.32	0.33084	481372.09
3667705.32 0.33484		
480952.09 3667725.32	0.19988	480972.09
3667725.32 0.20903		
480992.09 3667725.32	0.21838	481012.09
3667725.32 0.22617		
481032.09 3667725.32	0.23383	481052.09
3667725.32 0.24247		
481072.09 3667725.32	0.25132	481092.09
3667725.32 0.25840		
481112.09 3667725.32	0.26547	481132.09
3667725.32 0.27282		
481152.09 3667725.32	0.27978	481172.09
3667725.32 0.28512		
481192.09 3667725.32	0.28900	481212.09
3667725.32 0.29164		
481232.09 3667725.32	0.29369	481252.09
3667725.32 0.29878		
3667725.32 0.29878 481272.09 3667725.32	0.30190	481292.09
3667725.32 0.30510		
481312.09 3667725.32	0.30898	481332.09
3667725.32 0.31227		
481352.09 3667725.32	0.31681	480952.09
3667745.32 0.19535		
480972.09 3667745.32	0.20290	480992.09
3667745.32 0.21067		
481012.09 3667745.32	0.21883	481032.09
3667745.32 0.22697		
481052.09 3667745.32	0.23496	481072.09
3667745.32 0.24385		
481092.09 3667745.32	0.25111	481112.09
3667745.32 0.25744		
481132.09 3667745.32	0.26318	481152.09
3667745.32 0.26899		
481172.09 3667745.32	0.27324	481192.09
3667745.32 0.27619		
481212.09 3667745.32	0.27816	481232.09
3667745.32 0.27982		
481252.09 3667745.32	0.28574	481272.09
3667745.32 0.28929		
481292.09 3667745.32	0.29270	481312.09
3667745.32 0.29669		
481332.09 3667745.32	0.29951	480952.09
3667765.32 0.19423		

480972.09 3667765.32	0.19938	480992.09
3667765.32 0.20411 481012.09 3667765.32	0.21057	481032.09
3667765.32 0.21794 481052.09 3667765.32 3667765.32 0.23544	0.22574	481072.09
481092.09 3667765.32 3667765.32 0.24878	0.24298	481112.09
481132.09 3667765.32 3667765.32 0.25869	0.25344	481152.09
481172.09 3667765.32 3667765.32 0.26334	0.26124	481192.09
*** AERMOD - VERSION 22112 *** ***  San Marcos\Pacific\Pacific *** 6  *** AERMET - VERSION 14134 *** ***  *** 15:16  PAGE  *** MODELOPTs: RegDFAULT CONC ELE	99/29/23 5:42 441	2\HARP\Pacific
*** THE F	PERIOD ( 43872 HRS) AVERAGE C	ONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***	JDING SOURCE(S): L0000787	
, L0000789 , L0000790 , L0000791 L0000792 , L0000793	,	
, L0000797 , L0000798 , L0000799 L0000800 , L0000801		, L0000804
, L0000805 , L0000806 , L0000807	, L0000810 , L0000811	, L0000812
***	*** DISCRETE CARTESIAN	RECEPTOR POINTS
**	** CONC OF PM_10 IN MICRO	OGRAMS/M**3
X-COORD (M) Y-COORD (M) Y-COORD (M) CONC	CONC	X-COORD (M)
481212.09 3667765.32	 0 26530	481232.09
3667765.32		481272.09
3667765.32 0.27739 481292.09 3667765.32		481312.09
3667765.32 0.28515 481332.09 3667765.32		480972.09
3667785.32 0.19428 480992.09 3667785.32		481012.09

3667785.32 0.20718		
481032 09 3667785 32	0 21465	481052 09
481032.09 3667785.32 3667785.32 0.22235	0.21-03	+01032.03
481072.09 3667785.32	0.23023	481092.09
3667785.32 0.23660	0.23023	.01032103
481112.09 3667785.32	0.24196	481132.09
3667785.32 0.24612	012.120	.01132.03
481152.09 3667785.32	0.24825	481172.09
3667785.32 0.25092		
481192.09 3667785.32	0 25319	481212.09
3667785.32 0.25548		
481232.09 3667785.32	0 25814	481252.09
3667785.32 0.26252		
481272.09 3667785.32	0 26653	481292.09
3667785.32 0.27048	0.20033	+01252.05
481312.09 3667785.32	0 27443	481332.09
3667785.32 0.27793	0.27443	+01332.03
481352.09 3667785.32	0 28038	480972.09
3667805.32 0.18728	0.20030	400372:03
480992.09 3667805.32		481012.09
3667805.32 0.20104	0.15475	401012.03
481032.09 3667805.32	0 20696	481052.09
3667805.32 0.21310		
481072.09 3667805.32	0 21878	481092.09
3667805.32 0.22661	0.21878	401072.07
481112.09 3667805.32	0 23304	481132.09
3667805.32 0.23890	0.23394	481132.09
481152.09 3667805.32	a 2392a	481172.09
3667805.32 0.24149	0.23920	481172.09
481192.09 3667805.32	0 24265	481212.09
3667805.32 0.24595	0.24303	481212.09
481232.09 3667805.32	Q 24972	481252.09
3667805.32 0.25231	0.248/3	481232.09
481272.09 3667805.32	0.25626	481292.09
3667805.32 0.26032	0.23626	481292.09
481312.09 3667805.32	0.26420	491222 80
	0.26439	481332.09
3667805.32 0.26819	0.36000	480002 00
481352.09 3667805.32	0.26999	480992.09
3667825.32 0.18775 481012.09 3667825.32	0 10350	491633 60
	0.19250	481032.09
3667825.32 0.19540	0 10074	491072 00
481052.09 3667825.32 3667825.32 0.20213	0.19874	481072.09
	0. 21222	401112 00
481092.09 3667825.32	0.21333	481112.09
3667825.32 0.22476	0 22102	401152 00
481132.09 3667825.32	0.23182	481152.09
3667825.32 0.23147	0.22200	401102 00
481172.09 3667825.32	0.23308	481192.09
3667825.32 0.23480	0 22677	404222 00
481212.09 3667825.32	0.236//	481232.09

481252.09 3667825.32	0.24245	481272.09
3667825.32 0.24646 481292.09 3667825.32	0.25072	481312.09
3667825.32 0.25503 481332.09 3667825.32		481352.09
3667825.32 0.26052		
481372.09 3667825.32 3667845.32 0.18326	0.26491	480992.09
481012.09 3667845.32	0.18824	481032.09
3667845.32 0.19148 481052.09 3667845.32	0.19420	481072.09
3667845.32 0.19654		
481092.09 3667845.32 3667845.32 0.21482	0.20414	481112.09
481132.09 3667845.32	0.22484	481152.09
3667845.32 0.22450		
481172.09 3667845.32	0.22466	481192.09
3667845.32 0.22624		
481212.09 3667845.32	0.22883	481232.09
3667845.32 0.23165	C.\Usans\anall\Doskton\HAPD	2\UADD\Dacific
↑ *** AERMOD - VERSION 22112 *** *** San Marcos\Pacific\Pacific *** 0	0. (03e13 (apoil (besktop (HAKF)	Z (MARP (Pacific
*** AERMET - VERSION 14134 *** ***		
*** 15:16		
	442	
PAGE *** MODELOPTs: RegDFAULT CONC ELE		
*** MODELOPTs: RegDFAULT CONC ELE	V RURAL	
*** MODELOPTs: RegDFAULT CONC ELE  *** THE P		DNCENTRATION
*** MODELOPTS: RegDFAULT CONC ELE  *** THE P  VALUES FOR SOURCE GROUP: ALL  ***	V RURAL ERIOD ( 43872 HRS) AVERAGE CO	
*** MODELOPTS: RegDFAULT CONC ELE  *** THE P  VALUES FOR SOURCE GROUP: ALL  ***  INCLU  L0000789 L0000790 L0000791	V RURAL ERIOD ( 43872 HRS) AVERAGE CO DING SOURCE(S): L0000787	, L0000788
*** MODELOPTS: RegDFAULT CONC ELE  *** THE P  VALUES FOR SOURCE GROUP: ALL  ***  INCLU  L0000789 L0000790 L0000791	V RURAL ERIOD ( 43872 HRS) AVERAGE CO DING SOURCE(S): L0000787	, L0000788
*** MODELOPTs: RegDFAULT CONC ELE  *** THE P  VALUES FOR SOURCE GROUP: ALL  ***  INCLU  , L0000789 , L0000790 , L0000791  L0000792 , L0000793  , L0000797 , L0000798 , L0000799	V RURAL ERIOD ( 43872 HRS) AVERAGE CO DING SOURCE(S): L0000787 , L0000794 , L0000795	, L0000788
*** MODELOPTS: RegDFAULT CONC ELE  *** THE P  VALUES FOR SOURCE GROUP: ALL  , L0000789 , L0000790 , L0000791	V RURAL ERIOD ( 43872 HRS) AVERAGE CO DING SOURCE(S): L0000787	, L0000788
*** MODELOPTS: RegDFAULT CONC ELE  *** THE P VALUES FOR SOURCE GROUP: ALL  , L0000789 , L0000790 , L0000791	V RURAL  ERIOD ( 43872 HRS) AVERAGE CO  DING SOURCE(S): L0000787  , L0000794 , L0000795  , L0000802 , L0000803	, L0000788 , L0000796 , L0000804
*** MODELOPTS: RegDFAULT CONC ELE  *** THE P  VALUES FOR SOURCE GROUP: ALL  , L0000789 , L0000790 , L0000791	V RURAL  PERIOD ( 43872 HRS) AVERAGE CO  DING SOURCE(S): L0000787  , L0000794 , L0000795  , L0000802 , L0000803  , L0000810 , L0000811	, L0000788 , L0000796 , L0000804
*** MODELOPTS: RegDFAULT CONC ELE  *** THE P VALUES FOR SOURCE GROUP: ALL  , L0000789 , L0000790 , L0000791	V RURAL  ERIOD ( 43872 HRS) AVERAGE CO  DING SOURCE(S): L0000787  , L0000794 , L0000795  , L0000802 , L0000803	, L0000788 , L0000796 , L0000804
*** MODELOPTS: RegDFAULT CONC ELE  *** THE P  VALUES FOR SOURCE GROUP: ALL  , L0000789 , L0000790 , L0000791	V RURAL  PERIOD ( 43872 HRS) AVERAGE CO  DING SOURCE(S): L0000787  , L0000794 , L0000795  , L0000802 , L0000803  , L0000810 , L0000811	, L0000788 , L0000796 , L0000804 , L0000812
*** MODELOPTS: RegDFAULT CONC ELE  *** THE P  VALUES FOR SOURCE GROUP: ALL  , L0000789 , L0000790 , L0000791	V RURAL  PERIOD ( 43872 HRS) AVERAGE CO  DING SOURCE(S): L0000787  , L0000794 , L0000795  , L0000802 , L0000803  , L0000810 , L0000811	, L0000788 , L0000796 , L0000804 , L0000812
*** MODELOPTS: RegDFAULT CONC ELE  *** THE P  VALUES FOR SOURCE GROUP: ALL  , L0000789 , L0000790 , L0000791	PERIOD ( 43872 HRS) AVERAGE CONTROL ( 43872 HRS) AVERAGE CONTROL ( 5): L0000787  , L0000794 , L0000795  , L0000802 , L0000803  , L0000810 , L0000811  *** DISCRETE CARTESIAN	, L0000788 , L0000796 , L0000804 , L0000812 RECEPTOR POINTS
*** MODELOPTS: RegDFAULT CONC ELE  *** THE P  VALUES FOR SOURCE GROUP: ALL  , L0000789 , L0000790 , L0000791	V RURAL PERIOD ( 43872 HRS) AVERAGE CO DING SOURCE(S): L0000787  , L0000794 , L0000795  , L0000802 , L0000803  , L0000810 , L0000811  *** DISCRETE CARTESIAN	, L0000788 , L0000796 , L0000804 , L0000812
*** MODELOPTS: RegDFAULT CONC ELE  *** THE P  VALUES FOR SOURCE GROUP: ALL  , L0000789 , L0000790 , L0000791	PERIOD ( 43872 HRS) AVERAGE CONTROL ( 43872 HRS) AVERAGE CONTROL ( 5): L0000787  , L0000794 , L0000795  , L0000802 , L0000803  , L0000810 , L0000811  *** DISCRETE CARTESIAN	, L0000788 , L0000796 , L0000804 , L0000812 RECEPTOR POINTS
*** MODELOPTS: RegDFAULT CONC ELE  *** THE P  VALUES FOR SOURCE GROUP: ALL  , L0000789 , L0000790 , L0000791	PERIOD ( 43872 HRS) AVERAGE CONTROL ( 43872 HRS) AVERAGE CONTROL ( 5): L0000787  L0000794	, L0000788 , L0000796 , L0000804 , L0000812  RECEPTOR POINTS  DGRAMS/M**3
*** MODELOPTS: RegDFAULT CONC ELE  *** THE P VALUES FOR SOURCE GROUP: ALL  , L0000789 , L0000790 , L0000791  , L0000797 , L0000798 , L0000799  , L0000800 , L0000801  , L0000805 , L0000806 , L0000807  , L0000813 , L0000814 ,  ***  X-COORD (M) Y-COORD (M)	PERIOD ( 43872 HRS) AVERAGE CONTROL ( 43872 HRS) AVERAGE CONTROL ( 5): L0000787  L0000794	, L0000788 , L0000796 , L0000804 , L0000812 RECEPTOR POINTS
*** MODELOPTS: RegDFAULT CONC ELE  *** THE P  VALUES FOR SOURCE GROUP: ALL  , L0000789 , L0000790 , L0000791	PERIOD ( 43872 HRS) AVERAGE CONTROL ( 43872 HRS) AVERAGE CONTROL ( 5): L0000787  L0000794	, L0000788 , L0000796 , L0000804 , L0000812  RECEPTOR POINTS  DGRAMS/M**3
*** MODELOPTS: RegDFAULT CONC ELE  *** THE P VALUES FOR SOURCE GROUP: ALL  , L0000789 , L0000790 , L0000791  , L0000797 , L0000798 , L0000799  , L0000800 , L0000801  , L0000805 , L0000806 , L0000807  , L0000813 , L0000814 ,  ***  X-COORD (M) Y-COORD (M)	PERIOD ( 43872 HRS) AVERAGE CONTROL ( 43872 HRS) AVERAGE CONTROL ( 5): L0000787  L0000794	, L0000788 , L0000796 , L0000804 , L0000812  RECEPTOR POINTS  DGRAMS/M**3

3667825.32

0.23917

481252.09 3667845.32 3667845.32 0.23825	0.23487	481272.09
481292.09 3667845.32	0.24162	481312.09
3667845.32 0.24522 481332.09 3667845.32		
3667845.32 0.25370		
481012.09 3667865.32 3667865.32 0.18771		
481052.09 3667865.32 3667865.32 0.19240		481072.09
481092.09 3667865.32	0.19784	481112.09
3667865.32 0.20665 481132.09 3667865.32	0.21630	481152.09
3667865.32 0.21743 481172.09 3667865.32	0.21722	481192.09
3667865.32 0.21867		
481212.09 3667865.32 3667865.32 0.22406		
481252.09 3667865.32 3667865.32 0.23174	0.22845	481272.09
481292.09 3667865.32 3667885.32 0.17985		481012.09
481032.09 3667885.32	0.18329	481052.09
3667885.32 0.18594 481072.09 3667885.32	0.18940	481092.09
3667885.32 0.19507 481112.09 3667885.32		
3667885.32		
3667885.32 0.21090		
481192.09 3667885.32 3667885.32 0.21394		
481232.09 3667885.32 3667885.32 0.22346	0.21612	481252.09
481032.09 3667905.32	0.18846	481052.09
3667905.32 0.19042 481072.09 3667905.32	0.19497	481092.09
3667905.32 0.19861 481112.09 3667905.32	0.20082	481132.09
3667905.32 0.20214 481152.09 3667905.32		481172.09
3667905.32 0.20587		
481192.09 3667905.32 3667925.32 0.19398		481032.09
481052.09 3667925.32 3667925.32 0.19892	0.19479	481072.09
481092.09 3667925.32	0.19987	481112.09
3667925.32 0.19942 481132.09 3667925.32	0.19877	481152.09
3667925.32 0.19889		

481032.09 3667945.32	0.19597	481052.09
3667945.32 0.19551 481072.09 3667945.32	0.19600	481092.09
3667945.32 0.19420 481524.14 3666984.01	11.65388	481503.01
3666999.86 7.59957 481481.07 3667012.05	5.47522	481169.83
3667547.83 0.40214 481125.47 3667446.43		
3667404.60 0.56623 481183.77 3667303.20	0.57153	481082.37
3667345.03 0.41253 481038.01 3667248.70	0.40540	480967 . 03
3667267.71 0.32857		
480926.47 3667177.72 3667091.53 0.72547		481120.40
480887.17 3666536.35 3666427.34 1.12260		481153.35
481131.81 3666381.71 3666362.70 0.96684	0.95944	481190.11
481048.15 3666011.60 3666156.09 0.39217	0.36073	480894.78
480776.90 3666275.24 3666043.29 0.25919	0.52384	480648.88
480496.78 3666115.53	0.28925	480415.66
3665971.04 0.18234 480188.77 3666063.57		480197.64
3666328.48 0.36767 480277.50 3666434.95	0.35613	480359.89
3666479.31 0.35257 ↑ *** AERMOD - VERSION 22112 ***	*** C:\Users\apoll\Desktop\HAR	P2\HARP\Pacific
3666479.31 0.35257  ↑ *** AERMOD - VERSION 22112 ***  San Marcos\Pacific\Pacific ***  *** AERMET - VERSION 14134 ***  ***	09/29/23 ***	
***	15:16:42	
	PAGE 443	
G	C ELEV RURAL	
VALUES FOR SOURCE GROUP: ALL	THE PERIOD ( 43872 HRS) AVERAGE  ***	
, L0000789 , L0000790 , L000		·
, L0000797 , L0000798 , L000	-	·
, L0000805 , L0000806 , L000		•
L0000808 , L00 , L0000813 , L0000814 , .	000809 , L0000810 , L000081 · ·	1 , L0000812

**	** CONC OF PM_10 IN MICROGRAMS/M**3
X-COORD (M) Y-COORD (M) Y-COORD (M) CONC	CONC X-COORD (M)
480428.33 3666524.94	
3666673.24 0.48234 480893.51 3667615.01	0.19824 480932.81
3667597.27 0.21824 480959.42 3667641.63 3667678.39 0.19288	0.22174 480911.26
481182.51 3667561.78 3667611.21 0.37099	0.39872 481202.79
481275.04 3667587.13 3667650.50 0.36183	0.41688 481295.32
481357.43 3667626.42 3667713.88 0.33224	
481338.41 3667736.69 3667838.10 0.26363 481041.81 3667968.65	
*** 15:16 PAGE	444
*** MODELOPTs: RegDFAULT CONC ELE	1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL *** INCLU	JDING SOURCE(S): L0000787 , L0000788
, L0000789 , L0000790 , L0000791 L0000792 , L0000793	, , L0000794 , L0000795 , L0000796
, L0000797 , L0000798 , L0000799 L0000800 , L0000801 , L0000805 , L0000806 , L0000807	
L0000808 , L0000809 , L0000813 , L0000814 ,	, L0000810 , L0000811 , L0000812
***	*** DISCRETE CARTESIAN RECEPTOR POINTS
**	** CONC OF PM_10 IN MICROGRAMS/M**3

X-COORD (M) Y-COORD Y-COORD (M) CONC	(M) CONC (YYMMDDHH)	(YYMMDDHH)	X-COORD (M)
		-	
480392.09 3665985		(11122808)	480412.09
3665985.32 615.93665		(10013500)	400353.00
480332.09 3666005		(10012508)	480352.09
3666005.32 574.25677 480372.09 3666005		(10012508)	180392 09
3666005.32 554.83891		(10012308)	400372.07
480412.09 3666005		(11122808)	480432.09
3666005.32 612.32030		,	
480292.09 3666025		(10012508)	480312.09
3666025.32 687.58230			
480332.09 3666025		(10012508)	480352.09
3666025.32 623.34960	-	(40042500)	400202 00
480372.09 3666025 3666025.32 564.47690		(10012508)	480392.09
480412.09 3666025		(11122808)	180132 00
3666025.32 583.14700		(11122000)	400432.03
481052.09 3666025		(13011808)	480252.09
3666045.32 757.76549			
480272.09 3666045		(10012508)	480292.09
3666045.32 712.48396	(10012508)		
480312.09 3666045		(10012508)	480332.09
3666045.32 679.61955		(40040500)	4000=0
480352.09 3666045		(10012508)	480372.09
3666045.32 637.45130 480392.09 3666045		(10012509)	480412.09
3666045.32 594.34903		(10012308)	400412.03
480432.09 3666045		(10012508)	480452.09
3666045.32 593.68422		(,	
481032.09 3666045		(13011708)	481052.09
3666045.32 809.22780	•		
480192.09 3666065		(10012508)	480212.09
3666065.32 681.07141			
480232.09 3666065		(10012508)	480252.09
3666065.32 715.11647 480272.09 3666065		(10012509)	490202 00
3666065.32 718.69769		(10012308)	480292.09
480312.09 3666065	•	(10012508)	480332.09
3666065.32 685.79543		(=======	.0000_100
480352.09 3666065		(10012508)	480372.09
3666065.32 612.42522			
480392.09 3666065		(10012508)	480412.09
3666065.32 645.18475	•		
480432.09 3666065		(10012508)	480452.09
3666065.32 617.93490		(11122000)	400633 00
480612.09 3666065 3666065.32 709.05561		(11122000)	480632.09
7000003.32 703.003001	(11122000)		

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                    3666065.32
                                     692.56836
                                               (11122808)
                                                                           480992.09
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        481012.09
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                825.77206 (13011708)
3666065.32
        481052.09
                    3666065.32
                                     828.11388
                                                (13011708)
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                                     619.47140
                                                (14010208)
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                634.92139
                           (10012508)
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                    3666085.32
                                     661.45145
                                                (10012508)
                                                                           480272.09
3666085.32
                677.26542 (10012508)
        480292.09
                    3666085.32
                                                                           480312.09
                                     672.53231
                                                (10012508)
                670.70596
                           (10012508)
3666085.32
                    3666085.32
        480332.09
                                     657.11989
                                                (10012508)
                                                                           480352.09
3666085.32
                632.57303 (10012508)
        480372.09
                    3666085.32
                                     611.12090
                                                (10012508)
                                                                           480392.09
3666085.32
                633.88192 (10012508)
        480412.09
                    3666085.32
                                     659.71384
                                                (10012508)
                                                                           480432.09
3666085.32
                673.64013
                           (10012508)
        480452.09
                    3666085.32
                                     666.81964
                                                (10012508)
                                                                           480472.09
                679.88263 (10012508)
3666085.32
        480572.09
                    3666085.32
                                     711.79014
                                                (11122808)
                                                                           480592.09
3666085.32
                721.96873
                           (11122808)
        480612.09
                    3666085.32
                                     724.18711
                                                (11122808)
                                                                           480632.09
3666085.32
                724.83600 (11122808)
        480652.09
                    3666085.32
                                                (11122808)
                                                                           480972.09
                                     718.80538
                770.11608
                           (13012108)
3666085.32
        480992.09
                    3666085.32
                                     762.34926
                                                (13011708)
                                                                           481012.09
3666085.32
                803.41241 (13011708)
        481032.09
                    3666085.32
                                     830.47268
                                                (13011708)
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3666085.32
                843.36343 (13011708)
                    3666085.32
        481072.09
                                     843.36162
                                                (13011708)
                                                                           480192.09
3666105.32
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                           (14010208)
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        480212.09
                                     692.65985 (14010208)
                                                                           480232.09
3666105.32
                648.97265 (14010208)
                                     *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
★ *** AERMOD - VERSION 22112 ***
San Marcos\Pacific\Pacific ***
                                       09/29/23
 *** AERMET - VERSION
                      14134 ***
                                   15:16:42
                                   PAGE 445
 *** MODELOPTs:
                   RegDFAULT CONC ELEV RURAL
                               *** THE
                                         1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:
                          ALL
                                   INCLUDING SOURCE(S):
                                                            L0000787
                                                                         , L0000788
, L0000789
                             , L0000791
              , L0000790
                             , L0000793
                 L0000792
                                             L0000794
                                                           , L0000795
                                                                           L0000796
 L0000797
              , L0000798
                             , L0000799
                              , L0000801
                                            , L0000802
                                                          , L0000803
                 L0000800
                                                                         . L0000804
```

L0000805

, L0000806

, L0000807

L0000808 , L0000809 , L0000810 , L0000811 , L0000812 , L0000813 , L0000814 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

X-COORD (M) Y-COORD (M)	Y-COORD (M) CONC (YYMME	CONC DDHH)	(YYMMDDHH)	X-COORD (M)
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3666105.32 609 480292.09			(10012508)	480312.09
3666105.32 593	3.88484 (100125	508)		
480332.09	3666105.32	601.05843	(10012508)	480352.09
3666105.32 60° 480372.09 3666105.32 62°	3666105.32	615.36020	(10012508)	480392.09
480412.09	3666105.32	650.16359	(10012508)	480432.09
3666105.32 686	6.56754 (100125	508)	(	
480452.09 3666105.32 70			(10012508)	480472.09
480532.09	3666105.32	786.45095	(10012508)	480552.09
3666105.32 769 480572.09			(10012508)	480592.09
3666105.32 708			(10012300)	400332.03
480612.09	3666105.32	721.88134	(11122808)	480632.09
3666105.32 733	1.90415 (111228	308)	(44422000)	480672.09
480652.09 3666105.32 733	3666105.32 2 55669 (111228		(11122808)	480672.09
	3666105.32		(13012108)	480972.09
3666105.32 799	9.23731 (13012)	108)		
480992.09				481012.09
3666105.32 783 481032.09	3.69584 (130117	708)	(12011700)	404.05300
3666105.32 853	- 3000103.32 1.20431 (130117	708)	(13011/08)	481052.09
481072.09	3666105.32	861.33719	(13011708)	480192.09
3666125.32 764	4.89505 (140102	208)		
480212.09			(14010208)	480232.09
3666125.32 699			(14010200)	490272 00
480252.09 3666125.32 590	3666125.32 6 08638 (14010)		(14010208)	480272.09
	3666125.32	•	(10012508)	480312.09
3666125.32 553				
	3666125.32		(10012508)	480352.09
3666125.32 583 480372.09	3666125.32		(10012508)	480392.09

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3666125.32
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                    3666125.32
                                    660.07055 (10012508)
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                703.73561 (10012508)
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        480452.09
                    3666125.32
                                                (10012508)
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                                    765.16767
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                    3666125.32
                                    817.44450
                                                (10012508)
                                                                          480512.09
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                                               (10012508)
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                    3666125.32
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                725.44268 (11122808)
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                                    737.78425
                                                (11122808)
                                                                          480672.09
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                744.60962 (11122808)
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                    3666125.32
                                    748.93345
                                                (11122808)
                                                                          480932.09
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                    3666125.32
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                                    827.05982
                                                (13012108)
                                                                          480972.09
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                824.70712 (13012108)
                    3666125.32
                                                                          481012.09
        480992.09
                                    814.59716
                                                (13012108)
                800.95700 (13012108)
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                    3666125.32
                                    806.46404
                                                (13011708)
                                                                          481052.09
3666125.32
                845.48420 (13011708)
        481072.09
                    3666125.32
                                                                          481092.09
                                    870.69446
                                                (13011708)
3666125.32
                877.80066 (13011708)
                    3666145.32
                                                                          480212.09
        480192.09
                                    763.43054
                                                (14010208)
3666145.32
                755.19098 (14010208)
        480232.09
                    3666145.32
                                                (14010208)
                                                                          480252.09
                                    731.41179
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                692.72494 (14010208)
        480272.09
                    3666145.32
                                                                          480292.09
                                    641.07030
                                                (14010208)
                590.94957 (14010208)
3666145.32
                    3666145.32
        480312.09
                                    543.01599
                                                (14010208)
                                                                          480332.09
                516.76580 (10012508)
3666145.32
        480352.09
                    3666145.32
                                    537.66373
                                                (10012508)
                                                                          480372.09
                559.90811 (10012508)
3666145.32
        480392.09
                    3666145.32
                                    596.48351 (10012508)
                                                                          480412.09
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                    3666145.32
                                    736.98171 (10012508)
                                                                          480452.09
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                    3666145.32
        480472.09
                                    825.22696 (10012508)
                                                                          480492.09
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                    3666145.32
                                    898.87390 (10012508)
                                                                          480532.09
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                905.14406 (10012508)
↑ *** AERMOD - VERSION 22112 ***
                                     *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                      09/29/23
 *** AERMET - VERSION 14134 ***
                                  15:16:42
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*** THE
                                 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                            INCLUDING SOURCE(S): L0000787 , L0000788
, L0000789
           , L0000790 , L0000791
                                  , L0000794 , L0000795 , L0000796
              L0000792 , L0000793
           , L0000798
                       , L0000799
 L0000797
                       , L0000801 , L0000802 , L0000803 , L0000804
              L0000800
           , L0000806
 L0000805
                       , L0000807
                      , L0000809 , L0000810 , L0000811 , L0000812
              L0000808
          , L0000814
 L0000813
                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
                                  ** CONC OF PM 10 IN MICROGRAMS/M**3
    X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M)
Y-COORD (M)
                CONC
                       (YYMMDDHH)
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3666145.32 888.68682 (10012508)
      480592.09
                3666145.32 864.95538 (10012508)
                                                             480612.09
3666145.32 835.63528 (10012508)
      480632.09
                3666145.32 801.56997 (10012508)
                                                             480652.09
3666145.32 761.04762 (10012508)
                 3666145.32 747.55224 (11122808)
      480672.09
                                                             480692.09
3666145.32 759.35851 (11122808)
      480912.09 3666145.32 810.25134 (13122708)
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3666145.32 815.33236 (13012108)
      480952.09
                3666145.32 835.22222 (13012108)
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      480992.09
                3666145.32 840.85201 (13012108)
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                                                             481052.09
3666145.32 828.85727 (13011708)
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                                                             481092.09
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      480212.09
                3666165.32 746.24029 (14010208)
                                                             480232.09
3666165.32 743.77907 (14010208)
      480252.09
                3666165.32 715.32347 (14010208)
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                3666165.32 626.59729 (14010208)
      480292.09
                                                             480312.09
3666165.32 598.23959 (14010208)
                3666165.32 566.03815 (14010208)
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						(10012508)	480632.09
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3000105.	.32 .400022	839.	1/232 266616E	(13122708	9) 920 051 <i>6</i> 7	(13122708)	4900E2 00
3666165	400332.	פט. 221	112/15	.32 (13012108	073.33101	(13122/00)	400952.09
3000103.	120072	921.	3666165	(13017100	951 05102	(13012108)	180002 00
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★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
                               09/29/23
San Marcos\Pacific\Pacific ***
 *** AERMET - VERSION 14134 *** ***
                    ***
                              15:16:42
                              PAGE 447
 *** MODELOPTs: RegDFAULT CONC ELEV RURAL
                           *** THE
                                   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                               ***
                              INCLUDING SOURCE(S): L0000787
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, L0000805
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                        , L0000809
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                                      , L0000810        , L0000811
                                                                , L0000812
, L0000813
            , L0000814
                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
                                    ** CONC OF PM 10 IN MICROGRAMS/M**3
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                                          (YYMMDDHH)
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Y-COORD (M)
                 CONC (YYMMDDHH)
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              853.61536 (13012108)
                                883.02658 (13011708)
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                                                                 481112.09
3666185.32 918.15111 (13011708)
       480212.09 3666205.32
                                696.65654 (13012308)
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              703.72713 (13012308)
3666205.32
       480252.09
                  3666205.32
                                698.67587 (13012308)
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3666205.32 685.29080 (14010208)
       480292.09 3666205.32 683.84109 (14010208)
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					715.15659	(14010208)	480392.09
				(14010208			
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★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
                               09/29/23
San Marcos\Pacific\Pacific ***
*** AERMET - VERSION 14134 ***
                               15:16:42
                               PAGE 448
 *** MODELOPTs:
                 RegDFAULT CONC ELEV RURAL
                           *** THE
                                    1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                               ***
VALUES FOR SOURCE GROUP: ALL
                               INCLUDING SOURCE(S): L0000787
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                         , L0000807
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               L0000808
 L0000813
            , L0000814
                                         *** DISCRETE CARTESIAN RECEPTOR POINTS
                                     ** CONC OF PM 10 IN MICROGRAMS/M**3
     X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
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Y-COORD (M)
                 CONC
                         (YYMMDDHH)
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		172.09
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480332.09 3666245.32 714.0236	3 (13012308) 4803	352 09
3666245.32 730.28628 (13012308)	(13012300) +00.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
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★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                09/29/23
*** AERMET - VERSION 14134 ***
                               15:16:42
                               PAGE 449
*** MODELOPTs:
                 RegDFAULT CONC ELEV RURAL
                           *** THE
                                     1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                ***
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                                                                  , L0000812
               L0000808
             , L0000814
 L0000813
                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
                                     ** CONC OF PM 10
                                                      IN MICROGRAMS/M**3
     X-COORD (M) Y-COORD (M) CONC
                                           (YYMMDDHH)
                                                                 X-COORD (M)
Y-COORD (M)
                 CONC
                        (YYMMDDHH)
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                                    1074.37518
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                                                                           480732.09
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                                    1091.36429
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        480792.09
                    3666285.32
                                    1074.57459
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                           (10012508)
        480832.09
                    3666285.32
                                    1031.09365
                                                (10012508)
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        480872.09
                    3666285.32
                                                (10012508)
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                                     961.63575
                918.34817
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        480912.09
                    3666285.32
                                     926.34887
                                                (11122808)
                                                                           480932.09
3666285.32
                924.11296 (11122808)
        480952.09
                    3666285.32
                                                                           480972.09
                                     914.08444
                                                (11122808)
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                897.81759
                           (11122808)
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                    3666285.32
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3666285.32
                960.67945 (13122708)
                    3666285.32
                                                (13122708)
        481032.09
                                     970.31989
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                                     955.85898
                                                (13122708)
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                    3666285.32
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        481112.09
                                     994.85933
                                                (13012108)
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                991.95678 (13012108)
                    3666285.32
                                     977.87217
                                                (13012108)
                                                                           480212.09
        481152.09
3666305.32
                590.01536 (10122708)
        480232.09
                    3666305.32
                                     612.20756
                                                (13121308)
                                                                           480252.09
3666305.32
                627.02073 (13121308)
★ *** AERMOD - VERSION 22112 ***
                                     *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                       09/29/23
 *** AERMET - VERSION
                      14134 ***
                                   15:16:42
                                   PAGE 450
 *** MODELOPTs:
                   RegDFAULT CONC ELEV RURAL
                               *** THE
                                         1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:
                          ALL
                                   INCLUDING SOURCE(S):
                                                                         , L0000788
                                                             L0000787
, L0000789
                             , L0000791
              , L0000790
                                            , L0000794
                              , L0000793
                                                           , L0000795
                                                                         , L0000796
                 L0000792
 L0000797
              , L0000798
                             , L0000799
                              , L0000801
                                            , L0000802
                                                           , L0000803
                 L0000800
                                                                           L0000804
                             , L0000807
  L0000805
              , L0000806
                              , L0000809
                                            , L0000810
                 L0000808
                                                                         . L0000812
                                                           , L0000811
 L0000813
              , L0000814
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\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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X- Y-COORD 	-COORD (M) (M) 	Y-COORD CONC	(M) (YYMM	MDDHH)	(YYMMDDHH)	X-COORD (M)
	480272.09	3666305	 5.32	634.76656	- (13121308)	480292.09
	.32 63					
				638.26833	(13121308)	480332.09
3666305	.32 6!	52.82423	(13121	L308)	(	
				676.87186	(13121308)	480372.09
			•	L308)	(12012200)	490412 00
				743.32201	(13012308)	480412.09
	.32 78			807.44744	(12012200)	480452.09
	.32 82				(13012300)	480432.09
				901.59527	(13012308)	480492.09
	.32 93				(13012300)	100 152.05
				963.93521	(14010208)	480532.09
3666305	.32 98				,	
				1021.60470	(14010208)	480572.09
3666305	.32 102				•	
	480592.09	3666305	5.32	1030.78587	(14010208)	480612.09
3666305	.32 103	33.81701	(14016	9208)		
	480632.09	3666305	5.32	1015.48938	(14010208)	480652.09
	.32 99		•	•		
				969.89818	(10012508)	480692.09
	.32 103					
				1054.82667	(10012508)	480732.09
3666305	.32 108				(	
266225				1105.77843	(10012508)	480772.09
3666305	.32 11:				(40042500)	400013 00
2666205				1122.09600	(10012508)	480812.09
5000303	.32 11:		-	1103.74060	(10012500)	480852.09
3666305	.32 108				(10012308)	480832.09
			-	1058.82789	(10012508)	480892.09
3666305	.32 102				(10012300)	+00092.09
			•	983.95567	(10012508)	480932.09
3666305	.32 9!				(/	
			•	951.75766	(11122808)	480972.09
3666305	.32 94				,	
				930.04303	(11122808)	481012.09
3666305	.32 9!	55.31368	(13122	2708)		
				983.58801	(13122708)	481052.09
	.32 99					
				994.94944	(13122708)	481092.09
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★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                  09/29/23
                                 ***
*** AERMET - VERSION 14134 ***
                                 15:16:42
                                 PAGE 451
                  RegDFAULT CONC ELEV RURAL
 *** MODELOPTs:
                             *** THE
                                       1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  ***
                                 INCLUDING SOURCE(S): L0000787
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, L0000789
             , L0000790
                           , L0000791
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                       , L0000801
              L0000800
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                                                , L0000803 , L0000804
            , L0000806
 L0000805
                       , L0000807
                       , L0000809
                                  , L0000810
              L0000808
                                                , L0000811
                                                            , L0000812
, L0000813
           , L0000814
                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
                                  ** CONC OF PM 10 IN MICROGRAMS/M**3
    X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
                                                    X-COORD (M)
Y-COORD (M)
                CONC
                        (YYMMDDHH)
      480912.09
                 3666325.32 1086.29396 (10012508)
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3666325.32 1048.53236 (10012508)
      480952.09
                 3666325.32
                              1001.38271 (10012508)
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      480992.09 3666325.32 975.42268 (11122808)
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3666325.32 962.99355 (11122808)
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                 3666325.32 974.41836 (13122708)
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3666325.32 1007.34360 (13122708)
      481072.09 3666325.32 1023.10323 (13122708)
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3666325.32 1023.81804 (13122708)
      481112.09 3666325.32 1013.31308 (13122708)
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      481152.09 3666325.32
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      480212.09 3666345.32 534.54222 (13012208)
                                                              480232.09
3666345.32 572.24565 (13012208)
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                              588.60978 (13012208)
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                              604.84336 (10122708)
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      480332.09
                              611.40722 (13121308)
                                                              480352.09
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             625.88912 (13121308)
      480372.09 3666345.32
                              687.16411 (13121308)
                                                              480392.09
3666345.32 713.23348 (13121308)
      480412.09
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                              734.50868 (13121308)
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      480492.09 3666345.32
                              856.42451 (13012308)
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      480532.09
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                              958.39170 (13012308)
                                                              480552.09
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480572.09 3666345.32 1011.89798 (13012308)

480592.09

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		.32 1061.27054	(14010208)	480032.09
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		.32 1101.01396	(14010208)	4806/2.09
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		.32 1102.38818	(14010208)	480/12.09
		(14010208)	(14010200)	400753 00
		.32 1083.23381	(14010208)	480/52.09
3666345.32	1051.96660	(14010208)	(10013500)	400703 00
		.32 1096.92783	(10012508)	480/92.09
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		.32 1168.56435	(10012508)	480832.09
		(10012508)	(10013500)	400073 00
		.32 1194.96905	(10012508)	480872.09
		(10012508)	(10012508)	400012 00
3666345.32		.32 1187.71534	(10012508)	480912.09
		•	(10013500)	490052 00
		.32 1145.17435	(10012508)	480952.09
3666345.32			(10012508)	490002 00
4809/2	1017 15021	.32 1068.26338	(10012308)	480992.09
3666345.32	1017.15931	(10012508)	(11122808)	401022 00
401017	.09 3000343	.32 1007.16538	(11122808)	481032.09
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			(13122708)	4010/2.09
		(13122708)	(13122708)	401112 AO
		.32 1051.60665 (13122708)	(13122708)	401112.09
		.32 1044.76115	(13122708)	191152 AQ
		(13012108)	(13122708)	401132.09
		.32 1079.80518	(13012108)	180232 00
3666365.32			(13012108)	400232.03
		.32 575.26098	(13012208)	480272 09
3666365.32			(13012200)	+002/2:03
			(13012208)	480312 09
		(13012208)	(13012200)	+00312.03
		.32 602.76699	(13012208)	480352.09
3666365.32			(13012200)	+00552.05
		.32 632.80804	(10122708)	480392.09
3666365.32			(10122700)	+00372.07
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		.32 949.58024	(11122908)	480552.09
3666365.32			\ <i>\</i>	.00002.00
♠ *** AFRMOD -	VFRSTON 2211	2 *** *** C:\Use	rs\apoll\Desktop\HARP2\HAR	P\Pacific
San Marcos\Pac	ific\Pacific	*** 09/29/23		,
*** AERMET -	VERSION 1413	4 *** ***		
!= !				

\*\*\* 15:16:42

## PAGE 452

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

VALUES FOR SOURCE GROUP: ALL ***  INCLUDING SOUR , L0000789 , L0000790 , L0000791 ,	HEST 1-HR AVERAGE CONCENTRATION  RCE(S): L0000787 , L0000788  000794 , L0000795 , L0000796  000802 , L0000803 , L0000804  000810 , L0000811 , L0000812
***	* DISCRETE CARTESIAN RECEPTOR POINTS
**	OF PM_10 IN MICROGRAMS/M**3
X-COORD (M) Y-COORD (M) CONC Y-COORD (M) CONC (YYMMDDHH)	(YYMMDDHH) X-COORD (M)
480572.09 3666365.32 985.52112	(13012308) 480592.09
3666365.32 1017.98208 (13012308) 480612.09 3666365.32 1048.54364	(13012308) 480632.09
3666365.32 1069.35512 (14010208) 480652.09 3666365.32 1100.09774 3666365.32 1121.48947 (14010208)	(14010208) 480672.09
480692.09 3666365.32 1139.13781	(14010208) 480712.09
3666365.32 1154.49386 (14010208) 480732.09 3666365.32 1156.69219	(14010208) 480752.09
3666365.32 1143.54227 (14010208) 480772.09 3666365.32 1124.18583	(14010208) 480792.09
3666365.32 1099.99304 (10012508) 480812.09 3666365.32 1148.14964	(10012508) 480832.09
3666365.32 1184.71308 (10012508) 480852.09 3666365.32 1213.29790	(10012508) 480872.09
3666365.32 1233.79821 (10012508) 480892.09 3666365.32 1239.06409	(10012508) 480912.09
	(10012508) 480952.09
3666365.32 1204.96009 (10012508) 480972.09 3666365.32 1177.10443 3666365.32 1137.61267 (10012508)	(10012508) 480992.09
·	(10012508) 481032.09

481052.09 3666365.32 1034.16	
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481092.09 3666365.32 1057.31	1442 (13122708) 481112.09
3666365.32 1081.62287 (13122708)	
481132.09 3666365.32 1087.38	3145 (13122708) 481152.09
3666365.32 1078.50765 (13122708)	
481172.09 3666365.32 1095.63	
3666385.32 534.45211 (13012208)	
480272.09 3666385.32 554.76	0184 (13012208) 480292.09
3666385.32 559.44887 (13012208)	1402 (12012200) 400222 00
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3666385.32 599.67208 (13012208)	
480352.09 3666385.32 602.52	2866 (13012208) 480372.09
3666385.32 594.18015 (13012208) 480392.09 3666385.32 588.04	1434 (13012208) 480412.09
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3666385.32 991.67810 (11122908)	
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3666385.32 1188.09203 (14010208)	
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480912.09 3666385.32 1276.28	3806 (10012508) 480932.09
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1033.32313 (11122000)	

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                                  500.53988 (13012208)
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              522.14980 (13012208)
3666405.32
                   3666405.32
                                  536.15719 (13012208)
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                                                                      480332.09
3666405.32
               548.19740 (13012208)
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                   09/29/23
*** AERMET - VERSION 14134 ***
                                15:16:42
                                PAGE 453
*** MODELOPTs:
                  RegDFAULT CONC ELEV RURAL
                            *** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                INCLUDING SOURCE(S):
                                                       L0000787
                                                                    , L0000788
, L0000789
             , L0000790
                           , L0000791
                          , L0000793
                L0000792
                                         , L0000794 , L0000795
                                                                    . L0000796
             , L0000798
                          , L0000799
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                L0000800
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 L0000805
             , L0000806
                           , L0000809
                                         , L0000810
                L0000808
                                                      , L0000811
                                                                    , L0000812
 L0000813
             , L0000814
                                           *** DISCRETE CARTESIAN RECEPTOR POINTS
                                      ** CONC OF PM 10
                                                         IN MICROGRAMS/M**3
     X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
                                                                   X-COORD (M)
Y-COORD (M)
                  CONC
                           (YYMMDDHH)
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                   3666405.32
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       480632.09 3666405.32
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				(140102				
							(14010208)	480772.09
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				3.32		7894	(10012508)	481012.09
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						7256	(10012508)	481052.09
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	481072	.09	3666405	5.32	1198.0	2658	(10012508)	481092.09
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							(13012208)	480372.09
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				(130122			(13011100)	.00.12.03
						9978	(13012208)	480452 09
				(130122			(13012200)	+00+J2 <b>:</b> 0J
3000-23							(13012208)	480492.09
3666425				(130122		,,	(13012200)	100152.05
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				(130111)		1700	(13011100)	+00332.03
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3000423						2074	(13011108)	480612.09
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2666425				. 32 (111229)		0630	(11177290)	400032.03
2000423				•	•	7 <b>91</b> 5	(13012308)	480732.09
3666435				(130123)		1013	(13012300)	400/32.09
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	+00/32	. 09	5000423		1133.0	0190	(17012300)	+00//2.03

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★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
                              09/29/23
San Marcos\Pacific\Pacific ***
*** AERMET - VERSION 14134 *** ***
                              15:16:42
                              PAGE 454
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
                          *** THE
                                   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                              ***
                              INCLUDING SOURCE(S): L0000787 , L0000788
, L0000789
            , L0000790
                        , L0000791
                                      , L0000794 , L0000795 , L0000796
               L0000792 , L0000793
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              L0000800
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, L0000805
                                      , L0000810 , L0000811
              L0000808 , L0000809
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, L0000813 , L0000814
                        , . . .
                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
                                    ** CONC OF PM 10 IN MICROGRAMS/M**3
     X-COORD (M) Y-COORD (M) CONC
                                          (YYMMDDHH)
                                                              X-COORD (M)
                CONC (YYMMDDHH)
Y-COORD (M)
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                                                                 481132.09
3666425.32
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480372.09   3666445.32   489.98207   (10011308)   480392.09   3666445.32   539.31120   (13012208)   480412.09   3666445.32   539.31120   (13012208)   480452.09   3666445.32   697.57656   (13012208)   480492.09   3666445.32   845.91386   (13012208)   48052.09   3666445.32   845.91386   (13012208)   48052.09   3666445.32   955.34293   (13012208)   480552.09   3666445.32   955.34293   (13011208)   480652.09   3666445.32   1009.65671   (13011108)   480652.09   3666445.32   1009.65671   (13011108)   480652.09   3666445.32   1009.65671   (13011108)   480652.09   3666445.32   1109.57321   (13011108)   480652.09   3666445.32   1109.57321   (13011108)   480652.09   3666445.32   1109.57321   (13011108)   480652.09   3666445.32   1109.57321   (13011108)   480652.09   3666445.32   1109.57321   (13011108)   480652.09   3666445.32   1109.57321   (13011108)   480652.09   3666445.32   1109.57321   (13011108)   480652.09   3666445.32   1109.57321   (13011108)   480672.09   3666445.32   1180.30649   (11122908)   480712.09   3666445.32   1180.30649   (11122908)   480712.09   3666445.32   1209.08255   (11122908)   48072.09   3666445.32   1206.17648   (11122908)   480752.09   3666445.32   1204.26235   (13012308)   480792.09   3666445.32   1209.08255   (11122908)   48072.09   3666445.32   1209.08255   (11122908)   480852.09   3666445.32   1209.08256   (14010208)   480852.09   3666445.32   1319.65163   (14010208)   480852.09   3666445.32   1319.65163   (14010208)   480852.09   3666445.32   1315.59067   (14010208)   48092.09   3666445.32   1315.59067   (14010208)   48092.09   3666445.32   1315.59067   (14010208)   48092.09   3666445.32   1315.59067   (14010208)   48092.09   3666445.32   1315.59067   (14010208)   48092.09   3666445.32   1315.59067   (14010208)   48092.09   3666445.32   1315.59067   (14010208)   48092.09   3666445.32   1315.59067   (14010208)   48092.09   3666445.32   1315.59067   (14010208)   48092.09   3666445.32   1315.59067   (14010208)   48092.09   3666445.32   1315.59067   (14010208)   48092.09   3666445.32   13							(10011308)	460332.03
\$66445,32   \$500,59340 (10011308)   \$480412.09   \$666445,32   \$613,48046 (13012208)   \$480452.09   \$3666445,32   \$675,7656 (13012208)   \$480472.09   \$3666445,32   \$675,7656 (13012208)   \$480472.09   \$3666445,32   \$845,91386 (13012208)   \$480512.09   \$3666445,32   \$845,91386 (13012208)   \$480552.09   \$3666445,32   \$955,34293 (13012208)   \$480552.09   \$3666445,32   \$955,34293 (13012208)   \$480552.09   \$3666445,32   \$1091,505671 (13011108)   \$480592.09   \$3666445,32   \$1099,65671 (13011108)   \$480592.09   \$3666445,32   \$1099,65671 (13011108)   \$480632.09   \$3666445,32   \$1109,57321 (13011108)   \$480632.09   \$3666445,32   \$1109,57321 (13011108)   \$480632.09   \$3666445,32   \$1180,30649 (13012208)   \$480652.09   \$3666445,32   \$1180,30649 (13012208)   \$480672.09   \$3666445,32   \$1180,30649 (13012208)   \$48072.09   \$3666445,32   \$1180,30649 (1312208)   \$48072.09   \$3666445,32   \$1180,30649 (1312208)   \$48072.09   \$3666445,32   \$1209,08255 (13122908)   \$48072.09   \$3666445,32   \$1204,26235 (13012308)   \$48072.09   \$3666445,32   \$1204,26235 (13012308)   \$48072.09   \$3666445,32   \$1204,26235 (13012308)   \$480822.09   \$3666445,32   \$1204,26235 (13012308)   \$480822.09   \$3666445,32   \$1204,26235 (13012308)   \$480822.09   \$3666445,32   \$1204,26235 (13012308)   \$480822.09   \$3666445,32   \$1204,26235 (13012308)   \$480822.09   \$3666445,32   \$1319,65163 (14010208)   \$480822.09   \$3666445,32   \$1319,65163 (14010208)   \$480822.09   \$3666445,32   \$1319,65163 (14010208)   \$480822.09   \$3666445,32   \$1315,59067 (14010208)   \$480922.09   \$3666445,32   \$1315,59067 (14010208)   \$48092.09   \$3666445,32   \$1315,59067 (14010208)   \$48092.09   \$3666445,32   \$1315,59067 (14010208)   \$48092.09   \$3666445,32   \$1315,59067 (14010208)   \$48092.09   \$3666445,32   \$1315,59067 (14010208)   \$48092.09   \$3666445,32   \$1315,59067 (14010208)   \$48092.09   \$3666445,32   \$1315,59067 (14010208)   \$48092.09   \$3666445,32   \$1315,59067 (14010208)   \$48092.09   \$3666445,32   \$1315,59067 (14010208)   \$48042.09   \$3666445,32   \$1300,17760 (10012508)   \$48042							(10011308)	480392.09
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480612.09       3666445.32       1109.57321       (13011108)       480632.09         3666445.32       1127.57150       (13011108)       480672.09         3666445.32       1168.10733       (11122908)       480692.09       3666445.32       1180.30649       (11122908)       480712.09         3666445.32       1181.85138       (11122908)       480752.09       3666445.32       1206.17648       (11122908)       480752.09         3666445.32       1209.08255       (11122908)       480772.09       3666445.32       1204.26235       (13012308)       480792.09         3666445.32       1233.92348       (13012308)       480832.09       3666445.32       1261.90610       (14010208)       480832.09         3666445.32       1296.87786       (14010208)       480832.09       480852.09       3666445.32       1319.65163       (14010208)       480872.09         3666445.32       1331.87499       (14010208)       480892.09       3666445.32       1315.59067       (14010208)       480912.09         3666445.32       1310.78465       (10012508)       480972.09       3666445.32       1369.75140       (10012508)       480992.09         3666445.32       1432.03721       (10012508)       481032.09       480452.09       3666445.32							(13011108)	480592.09
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480652.09       3666445.32       1148.33969       (13011108)       480672.09         3666445.32       1168.10733       (11122908)       480712.09         3666445.32       1181.85138       (11122908)       480732.09         3666445.32       1206.17648       (11122908)       480752.09         3666445.32       1209.08255       (11122908)       480752.09         3666445.32       1204.26235       (13012308)       480792.09         3666445.32       1204.26235       (13012308)       480792.09         3666445.32       1204.26235       (13012308)       480792.09         3666445.32       1204.26235       (13012308)       480792.09         3666445.32       1206.87786       (14010208)       480852.09       3666445.32       1319.65163       (14010208)       480872.09         3666445.32       1331.87499       (14010208)       480892.09       3666445.32       1315.59067       (14010208)       480912.09         3666445.32       1310.78465       (10012508)       480992.09       3666445.32       1359.75140       (10012508)       480992.09         3666445.32       1431.4098       (10012508)       481032.09       481032.09       3666445.32       1432.03721       (10012508)       481032.09 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>(13011108)</td> <td>480632.09</td>							(13011108)	480632.09
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480732.09       3666445.32       1206.17648       (11122908)         3666445.32       1209.08255       (11122908)         480772.09       3666445.32       1204.26235       (13012308)         3666445.32       1233.92348       (13012308)       480792.09         3666445.32       1296.87786       (14010208)       480832.09         3666445.32       1319.65163       (14010208)       480872.09         3666445.32       1331.87499       (14010208)       480912.09         3666445.32       1330.15998       (14010208)       480912.09         3666445.32       1330.15998       (14010208)       480912.09         3666445.32       1310.78465       (10012508)       480952.09         3666445.32       1310.78465       (10012508)       480952.09         3666445.32       1369.75140       (10012508)       480992.09         3666445.32       1432.03721       (10012508)       481032.09         3666445.32       1431.40988       (10012508)       481032.09         3666445.32       1431.40988       (10012508)       481072.09         3666465.32       447.73681       (10011308)       480352.09         3666465.32       47.37681       (10011308)       480432.09 <td>3666445.</td> <td>32</td> <td>1181.</td> <td>85138</td> <td>(1112290</td> <td>3)</td> <td>(11122300)</td> <td>100712103</td>	3666445.	32	1181.	85138	(1112290	3)	(11122300)	100712103
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480772.09       3666445.32       1204.26235       (13012308)       480792.09         3666445.32       1233.92348       (13012308)       480812.09       3666445.32       1261.90610       (14010208)       480832.09         3666445.32       1296.87786       (14010208)       480852.09       3666445.32       1319.65163       (14010208)       480872.09         3666445.32       1331.87499       (14010208)       480912.09       48092.09       3666445.32       1335.08342       (14010208)       480912.09         3666445.32       1330.15998       (14010208)       480912.09       480912.09       3666445.32       1315.59067       (14010208)       480952.09         3666445.32       1310.78465       (10012508)       480952.09       480952.09       480952.09       480952.09       3666445.32       1369.75140       (10012508)       480992.09       3666445.32       1432.03721       (10012508)       481032.09       3666445.32       1431.40988       (10012508)       481032.09       481032.09       3666445.32       1431.40988       (10012508)       480352.09       3666445.32       1390.17760       (10012508)       480352.09       3666445.32       477.37681       (10011308)       480352.09       3666465.32       490.35738       (10011308)       480432.09       <							(	
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                                                                           480952.09
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★ *** AERMOD - VERSION 22112 ***
                                     *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                      09/29/23
 *** AERMET - VERSION 14134 ***
                                   15:16:42
                                   PAGE 455
                   RegDFAULT CONC ELEV RURAL
 *** MODELOPTs:
                               *** THE
                                         1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:
                          ALL
                                    ***
                                   INCLUDING SOURCE(S):
                                                                         , L0000788
                                                            L0000787
, L0000789
                             , L0000791
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                 L0000792
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 L0000797
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                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
                                         ** CONC OF PM 10
                                                             IN MICROGRAMS/M**3
     X-COORD (M) Y-COORD (M)
                                       CONC
                                                (YYMMDDHH)
                                                                         X-COORD (M)
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Y-COORD (M) CONC (YYMMDDHH)

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				012208)		
				772.92206	(13012208)	480532.09
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				884.63687	(13012208)	480572.09
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2666105			29125 (13		(13012208)	480612.09
3000463				1090.91088	(13012208)	480652.09
3666485			92526 (13)		(13012208)	480032.03
J000 <del>-</del> 05			•	1162.84767	(13012208)	480692.09
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			•	1221.62545	(13011108)	480732.09
				011108)	( /	
				1279.49308	(13011108)	480772.09
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				1336.79505	(11122908)	480852.09
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				1328.30788	(13012308)	480892.09
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266405				1396.30453	(14010208)	480932.09
3666485			92426 (14		(14010200)	400072 00
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			•	1457.91306	(14010208)	480412.09
			83607 (11		(14010200)	400412.03
			•	588.81460	(11012108)	480452.09
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3666505			76492 (11		(	
				696.72408	(11012108)	480532.09
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3666505	.32	880.	73852 (13	012208)		
				945.91851	(13012208)	480612.09
3666505			14833 (13	•		
				1055.47881	(13012208)	480652.09
3666505			43255 (13	•		
	480672.6	99	3666505.32	1125.22871	(13012208)	480692.09

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3666505.32
               1359.77786
                           (13011108)
        480832.09
                    3666505.32
                                    1377.94779
                                                (13011108)
                                                                           480852.09
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                           (11122908)
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                                    1401.39600
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                884.61602 (11012108)
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                                     915.53102
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                                    1005.41939
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                                    1296.24057 (13012208)
                                                                           480792.09
3666525.32
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                                     *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
★ *** AERMOD - VERSION 22112 ***
San Marcos\Pacific\Pacific ***
                                       09/29/23
 *** AERMET - VERSION 14134 ***
                                   15:16:42
                                   PAGE 456
                   RegDFAULT CONC ELEV RURAL
 *** MODELOPTs:
                               *** THE
                                         1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                                    ***
VALUES FOR SOURCE GROUP: ALL
                                   INCLUDING SOURCE(S):
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 L0000789
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                             , L0000793
                 L0000792
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, L0000805
              , L0000806
                             , L0000807
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, L0000809

, L0000810

L0000808

, L0000812

, L0000811

, L0000813 , L0000814 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

X-COOR Y-COORD (M)	D (M) Y-COORI CONC	(YYMMDI		(YYMMDDHH)	X-COORD (M)
			1362.09625	-	480832.09
	1402.42080			(12011100)	480872.09
	52.09 36665 1449.64863			(13011108)	480872.09
	92.09 36665			(13011108)	480912.09
	1469.37502			(=======)	
	52.09 36665			(11012108)	480472.09
	645.29769			•	
4804	92.09 36665	45.32	715.44865	(11012108)	480512.09
	776.13541				
	32.09 36665			(11012108)	480552.09
	916.77122				
4805	72.09 36665	45.32	932.20192	(11012108)	480592.09
3666545.32	957.97412	(110121)	08)	(44040400)	400633 00
	12.09 36665			(11012108)	480632.09
	1049.48029			(11012100)	480672.09
	52.09 36665 1000.30604			(11012108)	480672.09
	92.09 36665			(13012208)	480712.09
	1094.58812			(13012200)	400712.03
	32.09 36665			(13012208)	480752.09
	1195.63580			(=======)	
	72.09 36665			(13012208)	480792.09
	1308.44041			,	
	12.09 36665			(13012208)	480832.09
	1391.11381				
	52.09 36665			(13012208)	480872.09
	1462.96619				
	52.09 36665			(11012108)	480472.09
	612.02854			(	
	92.09 36665			(11012108)	480512.09
	747.81152			(11012100)	400553 00
	32.09 36665			(11012108)	480552.09
	894.28215 72.09 36665			(11012100)	480502 00
	925.55622			(11017109)	480592.09
	923.33622 12.09 36665			(11012102)	480632.09
	1134.59767			(11012100)	400032.03
5000505.52	1137,07,07	(110121	,		

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480652.09
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                                   1158.10826 (11012108)
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        480732.09
                                   1174.79166 (11012108)
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                                   1476.32882
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                                                                          480512.09
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                                                (11012108)
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        480812.09
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                                   1334.68846
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                                                                          480832.09
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                                               (13012208)
        480892.09
                                   1442.93622
                                                                          480472.09
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                620.25072 (09122908)
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                                    687.06135
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3666605.32
                719.76731 (09122908)
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                    3666605.32
                                    743.87749
                                                (09122908)
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                819.69477 (09122908)
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        480572.09
                    3666605.32
                                    894.72323 (09122908)
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★ *** AERMOD - VERSION 22112 ***
                                     *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                      09/29/23
 *** AERMET - VERSION 14134 ***
                                  15:16:42
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PAGE 457

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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*** THE
                                   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                             ***
VALUES FOR SOURCE GROUP: ALL
                             INCLUDING SOURCE(S): L0000787 , L0000788
, L0000789
                        , L0000791
            , L0000790
                        , L0000793
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              L0000792
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              L0000800
                        , L0000807
            , L0000806
 L0000805
                       , L0000809
                                     , L0000810 , L0000811 , L0000812
              L0000808
 L0000813
            , L0000814
                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
                                   ** CONC OF PM 10 IN MICROGRAMS/M**3
     X-COORD (M) Y-COORD (M) CONC
                                        (YYMMDDHH)
                                                             X-COORD (M)
                CONC (YYMMDDHH)
Y-COORD (M)
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3666605.32 1030.73113 (11012108)
      480652.09 3666605.32 1119.03883 (11012108)
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      480692.09 3666605.32 1211.22882 (11012108)
                                                               480712.09
3666605.32 1237.61555 (11012108)
      480732.09 3666605.32 1305.11517 (11012108)
                                                               480752.09
3666605.32 1357.03278 (11012108)
      480772.09
                 3666605.32
                              1395.60721 (11012108)
                                                               480792.09
3666605.32 1424.37950 (11012108)
      480812.09 3666605.32 1451.89972 (11012108)
                                                               480832.09
3666605.32 1469.19552 (11012108)
       480852.09
                 3666605.32
                              1479.36832 (11012108)
                                                               480872.09
3666605.32 1480.63648 (11012108)
      480892.09 3666605.32
                              1471.21588 (11012108)
                                                               480912.09
3666605.32 1450.77371 (11012108)
                 3666625.32
       480492.09
                               644.32344 (09122908)
                                                               480512.09
3666625.32 710.60984 (09122908)
                 3666625.32
                               730.10152 (09122908)
      480532.09
                                                               480552.09
3666625.32 733.67904 (09122908)
                 3666625.32 893.42505 (09122908)
      480572.09
                                                                480592.09
3666625.32 1009.67804 (09122908)
      480612.09 3666625.32
                              1029.59019 (09122908)
                                                               480632.09
3666625.32 1027.72096 (09122908)
      480652.09 3666625.32 1156.79310 (09122908)
                                                               480672.09
3666625.32 1222.79927 (09122908)
      480692.09
                 3666625.32
                              1245.51249 (09122908)
                                                               480712.09
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480732.09 3666625.32 1255.84239 (11012108)

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				(1101210				
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	480492	.09	3666645	.32	676.06	143	(12121008)	480512.09
3666645	.32	753.	46542	(1212100	98)			
	480532	.09	3666645	.32	765.35	919	(12121008)	480552.09
					98)			
							(09122908)	480592.09
					98)			
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				(0912296				
					1183.33	105	(09122908)	480672.09
				(091229			(	
					1295.12	162	(09122908)	480712.09
				(091229			(	
	480732	.09	3666645	3.32	1363.77	624	(09122908)	480752.09
				(091229		O <b>_</b> .	(03222300)	
						740	(09122908)	480792.09
				(0912296		, 10	(03122300)	100752.05
						399	(09122908)	480832.09
					98)		(03122300)	100032.03
							(11012108)	480872.09
					98)		(11012100)	100072103
					1613.19		(11012108)	480912 09
				(1101216		207	(11012100)	400012.00
						710	(11012108)	180192 09
				(1212106		, 10	(11012100)	<del>+00+</del> 52.05
						606	(12121008)	180533 00
				(1212100		000	(12121000)	400332.03
2000002						617	(12121008)	480572.09
3666665				(1212106		017	(12121000)	400372.03
2000002				•	1028.58	926	(12121008)	480612.09
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3000003				•	1117.45	711	(12121008)	480652.09
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266666				. 32 (0912296		017	(09010608)	400092.09
3000003				•	•	070	(00122000)	400722 00
266666				.32 .401220		0/9	(09122908)	480732.09
3000003				(0912296	•	200	(00122000)	400772 00
266666						מסכ	(09122908)	480772.09
2000005				(0912296	•	006	(00122000)	400012 00
266666						סצע	(09122908)	480812.09
2000005				(0912296	•	240	(00122000)	400052 00
	400032	.פט	2000000	.32	1090.34	549	(09122908)	480852.09

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★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                 09/29/23
*** AERMET - VERSION 14134 *** ***
                                15:16:42
                                PAGE 458
*** MODELOPTs:
                  RegDFAULT CONC ELEV RURAL
                            *** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                 ***
                                INCLUDING SOURCE(S):
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, L0000789
             , L0000790
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                L0000800
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                          , L0000807
                           , L0000809
                                         , L0000810
                L0000808
                                                     , L0000811
                                                                    , L0000812
             , L0000814
 L0000813
                                           *** DISCRETE CARTESIAN RECEPTOR POINTS
                                      ** CONC OF PM 10
                                                        IN MICROGRAMS/M**3
     X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
                                                                   X-COORD (M)
Y-COORD (M)
                  CONC
                           (YYMMDDHH)
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              1290.24448 (09010608)
       480712.09
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                                 1347.73685 (09010608)
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                                 1492.60743 (09010608)
       480792.09
                                                                      480812.09
3666685.32
              1504.02138 (09122908)
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	3666685.32 1730.29409	(09122908)	480932.09
	66.44653 (09122908) 3666705.32 646.28144	(09121008)	480532.09
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	3666705.32 824.49348	(09121008)	480572.09
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	3666705.32 1520.89616 41.44444 (09010608)	(09010608)	480812.09
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	25.71544 (09010608)	(03010000)	+00032.03
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	43.38046 (09010608)	4	
480952.09	3666705.32 1793.23098	(09122908)	480532.09
	30.58793 (12123108) 3666725.32 820.14505	(12122108)	480572.09
	29.41637 (12123108)	(12123108)	400372.03
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	64.18455 (12123108)	, , ,	
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	98.37601 (12123108)		
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	91.75075 (12123108)	(12122100)	480732.09
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	3666725.32 1406.08240	(12123108)	480772.09
	54.12698 (11011308)	, , ,	
480792.09	3666725.32 1505.44995	(11011308)	480812.09
	25.03082 (11011308)		
	3666725.32 1557.45762	(11011308)	480852.09
	10.12274 (11011308)	(11011200)	400000 00
	3666725.32 1663.92525 91.43831 (11011308)	(11011308)	480892.09
	3666725.32 1732.42284	(09010608)	480932.09
	84.52382 (09010608)	(),	

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                  3666745.32
                                796.89763 (12123108)
                                                                  480572.09
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3666745.32 900.71582 (12123108)
                  3666745.32
                                991.80131 (12123108)
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★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
                               09/29/23
San Marcos\Pacific\Pacific ***
*** AERMET - VERSION 14134 *** ***
                              15:16:42
                               PAGE 459
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
                           *** THE
                                    1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                               ***
                              INCLUDING SOURCE(S): L0000787
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, L0000789
            , L0000790
                         , L0000791
                         , L0000793
                                       , L0000794 , L0000795
               L0000792
                                                               , L0000796
 L0000797
            , L0000798 , L0000799
                         , L0000801
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               L0000800
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            , L0000806
               L0000808
                         , L0000809
                                     , L0000810        , L0000811
                                                                , L0000812
, L0000813
            , L0000814
                                         *** DISCRETE CARTESIAN RECEPTOR POINTS
                                    ** CONC OF PM 10 IN MICROGRAMS/M**3
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     X-COORD (M) Y-COORD (M) CONC
                                           (YYMMDDHH)
                                                                X-COORD (M)
                 CONC (YYMMDDHH)
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                  3666745.32 1420.28408 (12123108)
                                                                  480732.09
3666745.32 1443.21998 (12123108)
       480752.09
                  3666745.32
                                1505.94518 (12123108)
                                                                  480772.09
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             1554.40320 (12123108)
       480792.09
                  3666745.32
                               1574.25707 (12123108)
                                                                  480812.09
             1593.26547 (12123108)
3666745.32
       480832.09 3666745.32
                               1614.45553 (12123108)
                                                                  480852.09
             1661.89182 (12123108)
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       480872.09
                  3666745.32
                               1714.32954 (12123108)
                                                                  480892.09
3666745.32 1744.38928 (12123108)
       480912.09 3666745.32 1783.81908 (12123108)
                                                                  480932.09
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3666765.						,	(12123108)	480612.09
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						2 (	(12123108)	480692.09
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					1620.18076	6 (	(12123108)	480852.09
3666765.								
						9 (	(12123108)	480892.09
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						9 (	(12123108)	480932.09
				(1212310				
						4 (	(12123108)	480972.09
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							(12123108)	480572.09
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3666785.						т ,	(12123100)	400072.07
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					8)		(11113100)	100732103
							(12123108)	480772.09
3666785.							`	
				•	•	4 (	(12123108)	480812.09
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	480832.	09	3666785	.32	1529.46845	5 (	(12123108)	480852.09
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						5 (	(12123108)	480892.09
3666785.				•	•			
						9 (	(12123108)	480932.09
3666785.				•	•	_	/	
						3 (	(12123108)	480972.09
3666785.				•	•	<b>1</b>	/12122100\	400E72 00
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3666805.				•	•	5 4	(12123108)	480612.09
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★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                  09/29/23
*** AERMET - VERSION 14134 *** ***
                                 15:16:42
                                 PAGE 460
 *** MODELOPTs:
                  RegDFAULT CONC ELEV RURAL
                             *** THE
                                       1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                                  ***
VALUES FOR SOURCE GROUP: ALL
                                 INCLUDING SOURCE(S):
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, L0000789
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                L0000792
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                L0000808
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                                                                     , L0000812
             , L0000814
 L0000813
                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
                                       ** CONC OF PM 10
                                                          IN MICROGRAMS/M**3
     X-COORD (M) Y-COORD (M)
                                   CONC
                                              (YYMMDDHH)
                                                                     X-COORD (M)
Y-COORD (M)
                  CONC
                           (YYMMDDHH)
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			(12123108)			
			789	.82481	(12123108)	480692.09
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			(12123108)		(42422400)	400772 00
			(12122108)		(12123108)	480772.09
			(12123108) 5.32 1100		(12122100)	400012 00
					(12123108)	480812.09
			(12123108) 5.32 1208		(12123108)	4909E2 00
3666825.32				. 10440	(12123100)	400052.05
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3666825.32				.43007	(12123100)	400072.07
			5.32 1427	03318	(12123108)	480932 09
3666825 32	1484	57934	(12123108)	.03310	(12123100)	+00002.00
			5.32 1539	.83361	(12123108)	480972.09
3666825.32				.03301	(12123100)	
			5.32 1658	.19636	(12123108)	480572.09
			(11121408)		(11113100)	.00372103
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			(11121408)		(	
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★ *** AERMOD - VERSION 22112 ***
                                     *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                      09/29/23
 *** AERMET - VERSION 14134 ***
                                  15:16:42
                                  PAGE 461
                   RegDFAULT CONC ELEV RURAL
 *** MODELOPTs:
                              *** THE
                                        1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                                   ***
VALUES FOR SOURCE GROUP: ALL
                                  INCLUDING SOURCE(S):
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 L0000789
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L0000810

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, L0000814

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

, L0000803

, L0000811

L0000804

L0000812

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L0000805

L0000813

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Y-COORD	-COORD (M) (M) 	Y-COORD CONC	(M) C (YYMMDDHH) 	ONC	(YYMMDDHH)	X-COORD (M)
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	480632.09	3666905	.32 742		(11121408)	480652.09
			(11121408) .32 769		(11121408)	480692.09
			(11121408) .32 794		(11121408)	480732.09
3666905	.32 80	6.91058	(11121408)			
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		3666905	.32 888	.96105	(11121408)	480852.09
	480872.09	3666905	.32 919	.35794	(11121408)	480892.09
		3666905	.32 945	.67954	(11121408)	480932.09
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↑ *** AERMOD - VERSION 22112 ***
                                    *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                      09/29/23
 *** AERMET - VERSION 14134 ***
                                  15:16:42
                                  PAGE 462
 *** MODELOPTs:
                   RegDFAULT CONC ELEV RURAL
                              *** THE
                                        1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                  INCLUDING SOURCE(S):
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L0000813
           , L0000814 , . . .
                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
                                 ** CONC OF PM 10 IN MICROGRAMS/M**3
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          CONC (YYMMDDHH)
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      480792.09 3666965.32 459.47634 (11121408)
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      480952.09 3666965.32 1032.34154 (12010908)
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                             1205.24233 (12010908)
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                3666985.32 930.63987 (12010908)
      480872.09
                                                           480892.09
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3666985.32 1210.13958 (12010908) 480952.09 3666985.32 1299.4163	
3666985.32 1387.19571 (12010908)	
480992.09 3666985.32 1496.3347 3666985.32 1602.79654 (12010908)	4 (12010908) 481012.09
481032.09 3666985.32 1710.0368	4 (12010908) 481052.09
3666985.32 1820.85487 (12010908)	
481072.09 3666985.32 1942.4830 3667005.32 285.82474 (12121208)	6 (12010908) 480652.09
480672.09 3667005.32 318.4404	2 (12010908) 480692.09
3667005.32 380.28141 (12010908)	
480712.09 3667005.32 440.1795 3667005.32 505.51764 (12010908)	
480752.09 3667005.32 604.0394	6 (12010908) 480772.09
3667005.32 711.08463 (12010908)	
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480832.09 3667005.32 979.5891	5 (12010908) 480852.09
3667005.32 1076.15257 (12010908)	
480872.09 3667005.32 1180.0389 3667005.32 1290.96023 (12010908)	6 (12010908) 480892.09
480912.09 3667005.32 1394.0484	5 (12010908) 480932.09
3667005.32 1494.21587 (12010908)	
480952.09 3667005.32 1595.0528	
3667005.32 1701.53880 (12010908) 480992.09 3667005.32 1824.6520	
3667005.32 1946.94396 (12010908)	
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3667005.32 2193.39944 (12010908) 481072.09 3667005.32 2301.3129	
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480752.09 3667025.32 774.8361	2 (12010908) 480772.09
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3667025.32 1820.20795 (12010908)	Isons\anall\Dockton\HARD2\HARD\Dasific
<pre>★ *** AERMOD - VERSION 22112 *** *** C:\L San Marcos\Pacific\Pacific *** 09/29/</pre>	23
*** AERMET - VERSION 14134 *** ***	
*** 15:16:42	

## PAGE 463

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

	GHEST 1-HR AVERAGE CONCENTRATION
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	.0000794 , L0000795 , L0000796
L0000800 , L0000801 , L	.0000802 , L0000803 , L0000804
, L0000805 , L0000806 , L0000807 , L0000808 , L0000809 , L	.0000810 , L0000811 , L0000812
, L0000813 , L0000814 , ,	
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** CON	NC OF PM_10 IN MICROGRAMS/M**3
X-COORD (M) Y-COORD (M) CONC Y-COORD (M) CONC (YYMMDDHH)	
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3667045.32 1620.13445 (12010908)	`
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3667045.32 2103.73482 (12010908)	(12010000) 490072 00
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480992.09 3667045.32 2367.66042	(12010908) 481012.09

2667045 2		2416	00514	/1201000	١٥١			
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						60064	(12010908)	401002 00
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3667065.3						36340	(12010308)	400032.03
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3667065.3							(=======)	.0022_102
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★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                    ***
                              15:16:42
                              PAGE 464
 *** MODELOPTs: RegDFAULT CONC ELEV RURAL
                          *** THE
                                   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                              ***
                              INCLUDING SOURCE(S): L0000787 , L0000788
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               L0000792 , L0000793 , L0000794 , L0000795 , L0000796
            , L0000798 , L0000799 , L0000800 , L0000801 , L0000802 , L0000803 , L0000804
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                        , L0000807
, L0000805
                        , L0000809 , L0000810 , L0000811 , L0000812
               L0000808
, L0000813 , L0000814
                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
                                   ** CONC OF PM 10 IN MICROGRAMS/M**3
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                                        (YYMMDDHH)
                                                              X-COORD (M)
                CONC (YYMMDDHH)
Y-COORD (M)
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                               1861.73649 (12010908)
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          1799.96797 (12010908)
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                               1803.50059 (09012008)
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                               1992.82510 (09012008)
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★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                   09/29/23
 *** AERMET - VERSION 14134 *** ***
                                15:16:42
                                PAGE 465
 *** MODELOPTs:
                  RegDFAULT CONC ELEV RURAL
                             *** THE
                                      1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                INCLUDING SOURCE(S):
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                                                       , L0000811
                                                                    . L0000812
 L0000813
             , L0000814
                                           *** DISCRETE CARTESIAN RECEPTOR POINTS
                                      ** CONC OF PM 10 IN MICROGRAMS/M**3
     X-COORD (M) Y-COORD (M)
                                   CONC
                                             (YYMMDDHH)
                                                                   X-COORD (M)
Y-COORD (M)
                  CONC
                           (YYMMDDHH)
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              1079.69104 (09012008)
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       480792.09
                   3667225.32 943.69808 (09012008)
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San Marcos\Pacific\Pacific ***
                                    09/29/23
 *** AERMET - VERSION 14134 ***
                                  15:16:42
                                  PAGE 466
                   RegDFAULT CONC ELEV RURAL
 *** MODELOPTs:
                              *** THE
                                        1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                                   ***
VALUES FOR SOURCE GROUP: ALL
                                  INCLUDING SOURCE(S):
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, L0000813
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                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
                                        ** CONC OF PM 10 IN MICROGRAMS/M**3
     X-COORD (M) Y-COORD (M)
                                      CONC
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                                                                     X-COORD (M)
Y-COORD (M)
                  CONC
                            (YYMMDDHH)
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	3667325.32 818.39743	(11121217)	481132.09
3667325.32 802	.07279 (11121217)		
481152.09	3667325.32 806.53506	(13013108)	481172.09
	.71954 (13013108)		
	3667325.32 827.67289	(13013108)	480792.09
	.86230 (13122008)		
	3667345.32 771.79747	(13122008)	480832.09
	.10904 (13122008)	(4242222)	4000=0.00
	3667345.32 869.58918	(13122008)	480872.09
366/345.32 923	.36497 (13122008)	(42422000)	400043 00
480892.09	3667345.32 980.67422	(13122008)	480912.09
	.11955 (13122008)	(12122000)	400053 00
	3667345.32 1056.17577	(13122008)	480952.09
3667345.32 1130	·	(13122008)	490002 00
	3667345.32 1137.18474 .70446 (13122008)	(13122008)	480992.09
491012 00	3667345.32 949.71390	(13122008)	191022 00
3667345 32 784	.69931 (13122008)	(13122008)	481032.03
	3667345.32 787.54047	(11121217)	181072 00
	.46687 (11121217)	(11121217)	401072.03
	3667345.32 779.77287	(11121217)	481112.09
	.82472 (13013108)	(/	.0
481132.09	3667345.32 783.83571	(13013108)	481152.09
3667345.32 791	.11202 (13013108)		
481172.09	3667345.32 790.44711	(13013108)	481192.09
3667345.32 768	.65485 (13013108)		
480792.09	3667365.32 773.94228	(13122008)	480812.09
3667365.32 825			
	3667365.32 859.51910	(13122008)	480852.09
	.28925 (13122008)		
	3667365.32 947.34136	(13122008)	480892.09
3667365.32 999			
	3667365.32 1009.58203	(13122008)	480932.09
3667365.32 1035			
	3667365.32 1035.35957	(13122008)	480972.09
3667365.32 963	•	(4242222)	404040 00
	3667365.32 832.59769	(13122008)	481012.09
3667365.32 771		(11121217)	401053 00
	3667365.32 772.57892	(11121217)	481052.09
3667365.32 754	3667365.32 732.41919	(11121217)	481092.09
3667365.32 724		( + + + 2 + 2 + 7 )	+01032.03
	3667365.32 755.47310	(13013108)	481132.09
3667365.32 766		(13013100)	.01152.05
700	(		

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481152.09
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                                                (13013108)
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                    3667365.32
                                     818.81068
                                                (12011208)
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                           (13122008)
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                    3667385.32
                                     888.84807
                                                 (13122008)
                                                                            480852.09
3667385.32
                942.41617 (13122008)
        480872.09
                    3667385.32
                                     977.57393
                                                 (13122008)
                                                                            480892.09
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                726.91147
                           (11121217)
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                747.59251 (11121217)
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                                                 (11121217)
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                                     738.16883
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                            (12011208)
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                    3667385.32
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                                                 (12011208)
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               1159.80340 (12011208)
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                                     934.98064
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                                     883.97894
                                                 (13122008)
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                           (13122008)
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                    3667405.32
                                     688.81251 (11121217)
                                                                           480952.09
3667405.32
                704.45767
                           (11121217)
★ *** AERMOD - VERSION 22112 ***
                                     *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                       09/29/23
 *** AERMET - VERSION 14134 ***
                                   15:16:42
                                   PAGE 467
 *** MODELOPTs:
                   RegDFAULT CONC ELEV RURAL
                                         1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                               *** THE
                                    ***
VALUES FOR SOURCE GROUP:
                          ALL
                                                                          , L0000788
                                   INCLUDING SOURCE(S):
                                                             L0000787
              , L0000790
 L0000789
                             , L0000791
                                             L0000794
                                                           , L0000795
                 L0000792
                              , L0000793
                                                                            L0000796
                             , L0000799
              , L0000798
  L0000797
                 L0000800
                                L0000801
                                              L0000802
                                                           , L0000803
                                                                            L0000804
 L0000805
              , L0000806
                             , L0000807
                              , L0000809
                 L0000808
                                             . L0000810
                                                           , L0000811
                                                                          . L0000812
```

L0000813

, L0000814

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## \*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

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X-COORD (M) Y-COORD (M)	Y-COORD (M) CONC (YYMM	1DDHH)	(YYMMDDHH)	X-COORD (M)
			- (11121217)	480992.09
3667405.32 716 481012.09	3667405.32	701.56616	(11121217)	481032.09
3667405.32 670 481052.09	3667405.32	699.12614	(13013108)	481072.09
3667405.32 715 481092.09	3667405.32	712.68509	(13013108)	481112.09
3667405.32 698 481132.09	3667405.32	672.61605	(13013108)	481152.09
3667405.32 648 481172.09	3667405.32	846.82988	(12011208)	481192.09
3667405.32 1054 481212.09	3667405.32	1213.10273	(12011208)	480832.09
	3667425.32	840.10751	(13122008)	480872.09
3667425.32 787 480892.09	3667425.32	689.94451	(13122008)	480912.09
3667425.32 680 480932.09	3667425.32	695.65052	(11121217)	480952.09
3667425.32 697 480972.09	3667425.32	691.65102	(11121217)	480992.09
3667425.32 672 481012.09	3667425.32	641.84598	(13013108)	481032.09
3667425.32 678 481052.09	3667425.32	697.99473	(13013108)	481072.09
	3667425.32	669.13963	(13013108)	481112.09
	3667425.32	604.67888	(13013108)	481152.09
3667425.32 791 481172.09 3667445.32 715	3667425.32	969.15565	(12011208)	480832.09
	3667445.32	642.28110	(13122008)	480872.09
	3667445.32	658.48580	(11121217)	480912.09
	3667445.32	678.04150	(11121217)	480952.09
	3667445.32	•	(11121217)	480992.09

2667445 22 620 25700 (12012100)		
3667445.32 629.25700 (13013108)	(12012100)	401022 00
481012.09 3667445.32 658.29721	(13013108)	481032.09
3667445.32 668.15343 (13013108) 481052.09 3667445.32 667.33324	(42042400)	404072 00
	(13013108)	4810/2.09
3667445.32 648.11133 (13013108)	(42242422)	404440 00
481092.09 3667445.32 620.47335	(13013108)	481112.09
3667445.32 582.03145 (13013108)		
480832.09 3667465.32 572.30921	(11121217)	480852.09
3667465.32 597.03939 (11121217)		
480872.09 3667465.32 626.94143	(11121217)	480892.09
3667465.32 647.68332 (11121217)		
480912.09 3667465.32 650.03437	(11121217)	480932.09
3667465.32 632.84099 (11121217)		
480952.09 3667465.32 596.71049	(11121217)	480972.09
3667465.32 609.00324 (13013108)		
480992.09 3667465.32 643.64916	(13013108)	481012.09
3667465.32 651.93431 (13013108)	,	
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3667465.32 623.73700 (13013108)	,	
481072.09 3667465.32 592.13104	(13013108)	481092.09
3667465.32 558.09287 (13013108)	(======,	
481112.09 3667465.32 644.51602	(12011208)	481132.09
3667465.32 828.26424 (12011208)		
480852.09 3667485.32 597.50606	(11121217)	480872.09
3667485.32 609.76382 (11121217)		
480892.09 3667485.32 614.26387	(11121217)	480912.09
3667485.32 597.05096 (11121217)	(11121217)	100312.03
480932.09 3667485.32 557.87739	(11121217)	180952 09
3667485.32 592.43165 (13013108)	(11121217)	+00552.05
480972.09 3667485.32 619.54845	(13013108)	180992 09
3667485.32 629.07243 (13013108)		+00772.07
481012.09 3667485.32 628.69816		181032 00
3667485.32 612.44467 (13013108)	(13013108)	401032.03
481052.09 3667485.32 577.41865	(12012100)	101072 00
3667485.32 526.49451 (13013108)		4010/2.09
		101112 00
	(12011208)	481112.09
3667485.32 740.96430 (12011208)	(12011200)	400052 00
	(12011208)	480852.09
3667505.32 568.20961 (11121217)	(44424247)	400000 00
480872.09 3667505.32 556.15173	(11121217)	480892.09
3667505.32 550.87129 (11121217)	) 11\0 \. \. \. \. \. \.	DD/ D
*** AERMOD - VERSION 22112 *** *** C:\Uso		KF/Facitic
San Marcos\Pacific\Pacific *** 09/29/23	3	
*** AERMET - VERSION 14134 *** ***		
*** 15:16:42		

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

VALUES FOR SOURCE GROUP: ALL ***	
	DURCE(S): L0000787 , L0000788
, L0000789 , L0000790 , L0000791 ,	
	_0000794 , L0000795 , L0000796
, L0000797 , L0000798 , L0000799 , L0000801 , L	_0000802 , L0000803 , L0000804
10000005	, 1000000
L0000808 , L0000809 , L	.0000810 , L0000811 , L0000812
,L0000813 ,L0000814 , ,	
k	*** DISCRETE CARTESIAN RECEPTOR POINTS
***	DISCRETE CARTESIAN RECEPTOR POINTS
** CON	NC OF PM_10 IN MICROGRAMS/M**3
**	
X-COORD (M) Y-COORD (M) CONC	(VVMMDDHH) Y_COOPD (M)
Y-COORD (M) Y-COORD (M) CONC Y-COORD (M) CONC (YYMMDDHH)	(YYMMDDHH) X-COORD (M)
	-
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3667505.32 581.74730 (13013108)	(12012100) 400072 00
480952.09 3667505.32 608.61300 3667505.32 617.41106 (13013108)	(13013108) 480972.09
480992.09 3667505.32 605.50763	(13013108) 481012.09
3667505.32 584.34017 (13013108)	(13013100) +01012.03
481032.09 3667505.32 551.83737	(13013108) 481052.09
3667505.32 509.43218 (13013108)	
481072.09 3667505.32 495.97463	(12011208) 481092.09
3667505.32 662.05503 (12011208) 481112.09 3667505.32 819.36764	(12011208) 481132.09
3667505.32 934.41770 (12011208)	(12011200) 401132.03
480872.09 3667525.32 488.05642	(11121217) 480892.09
3667525.32 515.49079 (13013108)	·
480912.09 3667525.32 560.06831	(13013108) 480932.09
3667525.32 589.47669 (13013108)	(42042400) 400072 00
480952.09 3667525.32 601.81754 3667525.32 593.90614 (13013108)	(13013108) 480972.09
480992.09 3667525.32 566.12394	(13013108) 481012.09
3667525.32 529.29843 (13013108)	(
481032.09 3667525.32 486.84487	(13013108) 481052.09
3667525.32 443.13805 (13013108)	
481072.09 3667525.32 597.17491	(12011208) 481092.09
3667525.32 749.04334 (12011208) 481112.09 3667525.32 862.69114	(12011208) 481132.09
3667525.32 925.08629 (12011208)	(12011200) 401132.03
481152.09 3667525.32 945.00409	(12011208) 480872.09
3667545.32 491.15824 (13013108)	
480892.09 3667545.32 535.92625	(13013108) 480912.09
3667545.32 563.82407 (13013108)	

15	80032 0	<b>1</b> 0	36675/15	32	573 88801	(13013108)	180952 09
3667545.32						(13013108)	480932.09
						(13013108)	480992.09
3667545.32	2	511.	16560	(13013108	)		
48	81012.0	99	3667545	.32	471.29262	(13013108)	481032.09
3667545.32							
						(12011208)	481072.09
3667545.32						(12011200)	401112 00
3667545.32						(12011208)	481112.09
						(12011208)	481152.09
3667545.32						(12011200)	+01132 <b>.</b> 03
						(13013108)	480912.09
3667565.32						` ,	
						(13013108)	480952.09
3667565.32							
48	80972.0	9	3667565	.32	492.72787	(13013108)	480992.09
3667565.32	2	452.	34513	(13013108	)		
						(13013108)	481032.09
3667565.32							
						(12011208)	481072.09
3667565.32						(12011200)	401112 00
3667565.32						(12011208)	481112.09
						(13013108)	180012 00
					)	(13013100)	400012.00
48	2 80932.6	910.	3667585	.32	7 503.81128	(13013108)	480952.09
3667585.32						(=======)	.0022_102
						(13013108)	480992.09
3667585.32						,	
48	81012.0	9	3667585	.32	428.66159	(12011208)	481032.09
3667585.32	2	558.	58991	(12011208	)		
48	81052.0	99	3667585	.32	686.49454	(12011208)	481072.09
3667585.32							
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3667585.32						(12011200)	401102 00
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						(13013108)	480912.09
3667605.32						(13013100)	400012.00
						(13013108)	480972.09
3667605.32						(======,	
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						(12011208)	481092.09
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3667605.32						(40011000)	404470 55
						(12011208)	481172.09
3667605.32	<b>Z</b>	483.	99966	(12011208	)		

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                               09/29/23
San Marcos\Pacific\Pacific ***
 *** AERMET - VERSION 14134 ***
                               15:16:42
                               PAGE 469
                 RegDFAULT CONC ELEV RURAL
 *** MODELOPTs:
                           *** THE
                                    1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                               ***
VALUES FOR SOURCE GROUP: ALL
                               INCLUDING SOURCE(S): L0000787
                                                                 , L0000788
, L0000789
                        , L0000791
            , L0000790
                                       , L0000794 , L0000795 , L0000796
               L0000792 , L0000793
            , L0000798 , L0000799
L0000800 , L0000801
 L0000797
                                    , L0000802
                                                 , L0000803 , L0000804
, L0000805
            , L0000806
                        , L0000807
                         , L0000809
               L0000808
                                     , L0000810 , L0000811 , L0000812
, L0000813
           , L0000814
                                         *** DISCRETE CARTESIAN RECEPTOR POINTS
                                    ** CONC OF PM 10 IN MICROGRAMS/M**3
     X-COORD (M) Y-COORD (M) CONC
                                           (YYMMDDHH)
                                                                X-COORD (M)
Y-COORD (M)
                 CONC
                         (YYMMDDHH)
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                                                                  481232.09
3667605.32 489.46645 (11111717)
                  3667605.32 450.80547 (11111717)
       481252.09
                                                                  481272.09
3667605.32 405.33152 (11111717)
       480952.09
                  3667625.32
                                364.42614 (13013108)
                                                                  480972.09
          343.81042 (12011208)
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                  3667625.32
                                463.05107 (12011208)
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              699.29039 (12011208)
       481072.09
                  3667625.32
                                723.46795 (12011208)
                                                                  481092.09
3667625.32
              690.45672 (12011208)
       481112.09
                  3667625.32
                                624.41711 (12011208)
                                                                  481132.09
              540.48003 (12011208)
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                  3667625.32
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                                450.93853 (12011208)
                                                                  481172.09
3667625.32
              474.82122 (11111717)
                                495.40125 (11111717)
       481192.09
                  3667625.32
                                                                  481212.09
3667625.32 489.05753 (11111717)
                  3667625.32
       481232.09
                                456.91679 (11111717)
                                                                  481252.09
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             411.48783 (11111717)
       481272.09
                  3667625.32
                                363.66102 (11111717)
                                                                  480992.09
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3667645.32 522.86740 (12011208)

481012.09 3667645.32 599.78519 (12011208)

481032.09

			(12011208)		
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	5.32 6			(40044000)	
			.32 589.32572	(12011208)	481112.09
	5.32 5			(42044200)	404453 00
2667645	481132.09	366/645	.32 448.51755	(12011208)	481152.09
300/043	401172 00	45.85209	(11111717) .32 474.59431	(11111717)	481192.09
			.32 4/4.39431 (11111717)	(11111/1/)	481192.09
			.32 460.26401	(11111717)	481232.09
			(11111717)	(11111/1/)	481232.09
			.32 373.33708	(11111717)	481272.09
			(11111717)	(1111/1/)	4012/2:09
3007013	481292.09	3667645	.32 286.20876	(11111717)	481312.09
3667645	5.32 2	57.63138	(11111717)	(====; =; )	.0_0_
			.32 230.52215	(11111717)	481352.09
			(09123017)	,	
			.32 358.19598	(12011208)	480972.09
			(12011208)		
			.32 548.07544	(12011208)	481012.09
			(12011208)		
			.32 612.38433	(12011208)	481052.09
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			(12112917)	(	
			.32 419.93465		481132.09
			(11111717)		481173 00
			.32 456.20585 (11111717)		481172.09
			.32 457.04677		481212.09
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			.32 379.54799	(11111717)	481252.09
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			(11111717)	,	
			.32 235.66981		481332.09
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	481352.09	3667665	.32 227.14614	(09123017)	481372.09
3667665	5.32 2		•		
			.32 316.81419	(12011208)	480952.09
3667685	5.32 4				
			.32 488.37393	(12011208)	480992.09
3667685	5.32 5			(40044000)	404000 00
2667601			.32 536.48286	(12011208)	481032.09
366/685	5.32 5		•	(42044200)	404.07300
2667600			.32 468.07211	(12011208)	481072.09
200/085	5.32 4 481092 09		.32 396.84542	(12112017)	481112.09
3667685	5.32 3			(1211231/)	401112.09
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★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
                               09/29/23
San Marcos\Pacific\Pacific ***
 *** AERMET - VERSION 14134 *** ***
                               15:16:42
                               PAGE 470
 *** MODELOPTs:
                 RegDFAULT CONC ELEV RURAL
                           *** THE
                                    1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL
                                ***
                               INCLUDING SOURCE(S): L0000787
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             , L0000814
                                         *** DISCRETE CARTESIAN RECEPTOR POINTS
                                     ** CONC OF PM 10 IN MICROGRAMS/M**3
     X-COORD (M) Y-COORD (M) CONC
                                           (YYMMDDHH)
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Y-COORD (M)
                 CONC
                          (YYMMDDHH)
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                  3667705.32
                                 438.03677 (12011208)
                                                                   480972.09
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                                 511.79489 (12011208)
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       481032.09
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              383.79219 (12112917)
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                                 389.64031 (12112917)
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3667705.32 368.36599 (12112917)
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						(11111717)	481172.09
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						(11111717)	481212.09
3667705				(11111717			
						(11111717)	481252.09
				(11111717		(44444747)	404202 00
2667705	4812/2.	.09	366//05	.32	246.69244	(11111717)	481292.09
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						(12011208)	481012 09
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						(11111717)	481132.09
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				(11111717			
						(11111717)	481252.09
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3667765.32 281.90059 (11111717)
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
*** AERMET - VERSION 14134 *** ***
                             15:16:42
                             PAGE 471
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
                          *** THE
                                  1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                             ***
VALUES FOR SOURCE GROUP: ALL
                             INCLUDING SOURCE(S): L0000787 , L0000788
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              L0000792
 L0000797
            , L0000798 , L0000799
              L0000800 , L0000801
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                        , L0000809 , L0000810 , L0000811 , L0000812
              L0000808
, L0000813 , L0000814
                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
                                   ** CONC OF PM 10 IN MICROGRAMS/M**3
     X-COORD (M) Y-COORD (M)
                                 CONC
                                         (YYMMDDHH)
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Y-COORD (M)
                CONC
                        (YYMMDDHH)
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				(11111717			
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                                     *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
★ *** AERMOD - VERSION 22112 ***
San Marcos\Pacific\Pacific ***
                                       09/29/23
 *** AERMET - VERSION 14134 ***
                                  15:16:42
                                   PAGE 472
 *** MODELOPTs:
                   RegDFAULT CONC ELEV RURAL
                               *** THE
                                         1ST HIGHEST 1-HR AVERAGE CONCENTRATION
                                    ***
VALUES FOR SOURCE GROUP:
                          ALL
                                   INCLUDING SOURCE(S):
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, L0000789
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              , L0000814
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\*\* CONC OF PM 10 IN MICROGRAMS/M\*\*3

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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3667825.32

317.63193 (11111717)

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X-COORD (M) Y-COORD Y-COORD (M) CONC	(M) CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M) CONC			
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3667925.32 347.23682	(11111717)		

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↑ *** AERMOD - VERSION 22112 ***
                                    *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                      09/29/23
 *** AERMET - VERSION 14134 ***
                                   ***
                                  15:16:42
                                  PAGE 473
 *** MODELOPTs:
                   RegDFAULT CONC ELEV RURAL
                              *** THE
                                        1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:
                                   ***
                          ALL
                                                           L0000787
                                  INCLUDING SOURCE(S):
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, L0000813
            , L0000814
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                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***
                                   ** CONC OF PM 10 IN MICROGRAMS/M**3
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Y-COORD (M)
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                               325.75965 (12011208)
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3667678.39 294.26113 (13013108)
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       481275.04
                 3667587.13 434.95714 (11111717)
                                                               481295.32
             274.61060 (11111717)
3667650.50
       481357.43
                 3667626.42
                               222.90712 (09123017)
                                                              481391.65
3667713.88 253.53452 (09123017)
       481338.41 3667736.69 224.59360 (09123017)
                                                               481382.78
3667838.10
              206.18169 (09123017)
                 3667968.65 321.69715 (11111717)
       481041.81
★ *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific *** 09/29/23
                              ***
*** AERMET - VERSION 14134 ***
                    ***
                             15:16:42
                             PAGE 474
                RegDFAULT CONC ELEV RURAL
 *** MODELOPTs:
                                   *** THE SUMMARY OF MAXIMUM PERIOD ( 43872
HRS) RESULTS ***
                               ** CONC OF PM 10 IN MICROGRAMS/M**3
                     NETWORK
GROUP ID
                          AVERAGE CONC
                                                   RECEPTOR (XR, YR, ZELEV,
ZHILL, ZFLAG) OF TYPE GRID-ID
```

	11.65388 AT (	481524.14,	3666984.01,	168.84,				
168.84, 0.00) DC 2ND HIGHEST VALUE IS	7.59957 AT (	481503.01,	3666999.86,	168.90,				
	5.47522 AT (	481481.07,	3667012.05,	169.22,				
169.22, 0.00) DC 4TH HIGHEST VALUE IS	1.47765 AT (	480952.09,	3666705.32,	171.19,				
171.19, 0.00) DC 5TH HIGHEST VALUE IS	1.43776 AT (	480972.09,	3666745.32,	170.82,				
170.82, 0.00) DC 6TH HIGHEST VALUE IS	1.43468 AT (	480952.09.	3666725.32.	-				
171.26, 0.00) DC 7TH HIGHEST VALUE IS	1.41467 AT (							
171.46, 0.00) DC 8TH HIGHEST VALUE IS	1.40473 AT (	_	-					
171.75, 0.00) DC	•	_	-	_				
9TH HIGHEST VALUE IS 171.25, 0.00) DC	•	_	-	_				
10TH HIGHEST VALUE IS 171.95, 0.00) DC	1.35492 AT (	480932.09,	3666725.32,	171.95,				
*** RECEPTOR TYPES: GC = GRIDCART  GP = GRIDPOLR  DC = DISCCART  DP = DISCPOLR  *** AERMOD - VERSION 22112 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific  San Marcos\Pacific\Pacific *** 09/29/23  *** AERMET - VERSION 14134 *** ***  *** 15:16:42  PAGE 475  *** MODELOPTs: RegDFAULT CONC ELEV RURAL								
*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***								
**	** CONC OF PM_	10 IN MIC	ROGRAMS/M**3					
		DATE						
GROUP ID AV (XR, YR, ZELEV, ZHILL, ZFLAG) OF	NETWORK ERAGE CONC TYPE GRID-ID	(YYMMDDHH)	R	ECEPTOR				

```
ALL
        HIGH
              1ST HIGH VALUE IS
                                  3846.16915 ON 13122008: AT ( 481524.14,
3666984.01,
            168.84,
                      168.84,
                                0.00) DC
*** RECEPTOR TYPES: GC = GRIDCART
                    GP = GRIDPOLR
                    DC = DISCCART
                    DP = DISCPOLR
↑ *** AERMOD - VERSION 22112 ***
                                 *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                   09/29/23
*** AERMET - VERSION 14134 ***
                     ***
                               15:16:42
                               PAGE 476
*** MODELOPTs:
                 RegDFAULT CONC ELEV RURAL
*** 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
                 19613 Informational Message(s)
A Total of
                 43872 Hours Were Processed
A Total of
                 16729 Calm Hours Identified
A Total of
                  2884 Missing Hours Identified ( 6.57 Percent)
   ***** FATAL ERROR MESSAGES ******
              *** NONE ***
   *****
                               ******
             WARNING MESSAGES
             *** NONE ***
   ***********
   *** AERMOD Finishes Successfully ***
   ***********
```

```
*** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
↑ *** AERMOD - VERSION 19191 ***
San Marcos\Pacific\Pacific ***
                                     05/10/22
*** AERMET - VERSION 14134 ***
                                 10:24:06
                                 PAGE
*** MODELOPTs:
                  RegDFAULT CONC ELEV RURAL
                                                   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 RURAL Dispersion Only.
**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.
**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 10
**Model Calculates 1 Short Term Average(s) of:
                                                  1-HR
    and Calculates PERIOD Averages
**This Run Includes:
                        393 Source(s); 1 Source Group(s); and
                                                                       2335
Receptor(s)
                          0 POINT(s), including
               with:
                          0 POINTCAP(s) and
                                                 0 POINTHOR(s)
                        393 VOLUME source(s)
                and:
                       0 AREA type source(s)
                and:
                and:
                          0 LINE source(s)
                and:
                          0 RLINE/RLINEXT source(s)
```

and: 0 OPENPIT source(s)

and: 0 BUOYANT LINE source(s) with 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) = 60.96; 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: Pacific.err

\*\*File for Summary of Results: Pacific.sum

★ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific

San Marcos\Pacific\Pacific \*\*\* 05/10/22

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

\*\*\* 10:24:06

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

\*\*\* METEOROLOGICAL DAYS SELECTED FOR

PROCESSING \*\*\*

(1=YES; 0=NO)

1 1 1 1111111 11111111111 1111111111 1111111111 1111111111 1 1 1 1111111111 111111 1111111111 1111111 1111111111 1111111111 1111111111 11111111111 1 1 1 1111111 1111111111 1111111111 111111111 1111111111 1111111111 11111

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,

↑ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\* C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\Pacific\Pacific \*\*\* 05/10/22 \*\*\* AERMET - VERSION 14134 \*\*\*

\*\*\* 10:24:06

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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

DATA \*\*\*

Surface file: ..\722927\722927.SFC

Met Version: 14134

Profile file: ..\722927\722927.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3177 Upper air station no.: 3190

> Name: UNKNOWN Name: UNKNOWN

Year: 2009 Year: 2009

First 24 hours of scalar data
YR MO DY JDY HR HØ U\* W\* DT/DZ ZICNV ZIMCH M-O LEN ZØ BOWEN
ALBEDO REF WS WD HT REF TA HT

09 01 01 1 01 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.25 1.10 0.00 0. 10.0 282.0 2.0 09 01 01 1 02 -999.0 -9.000 -9.000 -9.000 -999. -999. -9999.0 0.25 1.10 1.00 0.00 0. 10.0 280.9 2.0 09 01 01 1 03 -6.5 0.115 -9.000 -9.000 -999. 94. 21.0 0.24 1.10 1.76 134. 10.0 279.9 2.0 09 01 01 1 04 -999.0 -9.000 -9.000 -9.000 -999. -999. -9999.0 0.25 1.00 0.00 0. 10.0 278.8 2.0 09 01 01 1 05 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.25 1.10 0. 10.0 278.8 2.0 1.00 0.00 09 01 01 1 06 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.25 1.10 0.00 0. 10.0 279.2 2.0 1.00 09 01 01 1 07 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.25 0.00 0. 10.0 279.9 2.0 09 01 01 1 08 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.25 0.51 0.00 0. 10.0 280.4 2.0 09 01 01 1 09 31.7 -9.000 -9.000 -9.000 64. -999. -99999.0 0.25 1.10 0.00 0. 10.0 282.0 2.0 0.30 09 01 01 1 10 82.9 -9.000 -9.000 -9.000 137. -999. -99999.0 0.25 1.10 0.00 0. 10.0 284.9 2.0 0.23 09 01 01 1 11 118.4 -9.000 -9.000 -9.000 220. -999. -99999.0 0.25 0.21 0.00 0. 10.0 287.5 2.0 09 01 01 1 12 134.6 0.401 1.053 0.007 311. 608. -42.8 0.36 1.10 2.86 256. 10.0 287.0 2.0 0.20 09 01 01 1 13 132.0 0.346 1.151 0.007 414. 490. -28.1 0.36 1.10 2.36 273. 10.0 286.4 2.0 0.20 09 01 01 1 14 111.2 0.341 1.148 0.007 487. 478. -31.9 0.36 1.10 2.36 249. 10.0 287.0 2.0 09 01 01 1 15 71.9 0.383 1.046 0.007 570. 568. -69.8 0.36 2.86 282. 10.0 285.9 2.0 09 01 01 1 16 1.2 0.344 0.264 0.007 566. 486. -3141.2 0.36 2.86 264. 10.0 283.8 2.0 09 01 01 1 17 -5.9 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.25 1.10 0.00 0. 10.0 283.1 2.0 0.61 09 01 01 1 18 -13.0 0.233 -9.000 -9.000 -999. 270. 87.2 0.31 1.10 2.36 237. 10.0 283.1 2.0 09 01 01 1 19 -999.0 -9.000 -9.000 -9.000 -999. -999. -9999.0 0.25 1.10 0.00 0. 10.0 283.1 2.0 1.00 09 01 01 1 20 -3.9 0.075 -9.000 -9.000 -999. 50. 9.9 0.10 1.10 1.76 87. 10.0 283.1 2.0 09 01 01 1 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.25 0.00 0. 10.0 283.1 2.0 09 01 01 1 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.25

```
1.00 0.00 0. 10.0 282.5 2.0
           1 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.25 1.10
09 01 01
              0. 10.0 282.5
       0.00
                                  2.0
09 01 01 1 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -9999.0 0.25
                                                                    1.10
                   10.0 282.0
1.00
       0.00
              0.
                                  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 -999. -99.00
                                    282.1 99.0 -99.00 -99.00
F indicates top of profile (=1) or below (=0)
★ *** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                                05/10/22
*** AERMET - VERSION 14134 ***
                     ***
                                10:24:06
                                PAGE
*** MODELOPTs:
                 RegDFAULT CONC ELEV RURAL
                                     *** THE SUMMARY OF MAXIMUM PERIOD ( 43872
HRS) RESULTS ***
                                  ** CONC OF PM 10 IN MICROGRAMS/M**3
              **
                      NETWORK
GROUP ID
                             AVERAGE CONC
                                                       RECEPTOR (XR, YR, ZELEV,
ZHILL, ZFLAG) OF TYPE GRID-ID
         1ST HIGHEST VALUE IS
                                  9.90993 AT ( 481524.14, 3666984.01,
ALL
                                                                         168.87,
 168.87,
            0.00) DC
         2ND HIGHEST VALUE IS
                                  6.73825 AT ( 481503.01, 3666999.86,
                                                                         168.99,
  168.99,
            0.00) DC
         3RD HIGHEST VALUE IS
                                  5.01776 AT ( 481481.07, 3667012.05,
                                                                         169.25,
 169.25,
            0.00) DC
         4TH HIGHEST VALUE IS
                                  1.34833 AT ( 480952.09, 3666705.32,
                                                                        170.47,
 171.56,
            0.00) DC
         5TH HIGHEST VALUE IS
                                   1.31291 AT ( 480932.09,
                                                           3666665.32,
                                                                         171.26,
  171.26,
            0.00) DC
                                   1.31161 AT ( 480972.09, 3666745.32,
         6TH HIGHEST VALUE IS
                                                                        170.82,
            0.00) DC
 170.82,
                                  1.31056 AT ( 480932.09, 3666645.32,
         7TH HIGHEST VALUE IS
                                                                        171.19,
            0.00) DC
 171.19,
```

1.30283 AT ( 480932.09, 3666685.32,

171.26.

8TH HIGHEST VALUE IS

0.00) DC

171.26,

```
9TH HIGHEST VALUE IS 1.29328 AT ( 480952.09, 3666725.32, 171.31,
           0.00) DC
 171.31,
        10TH HIGHEST VALUE IS 1.26843 AT ( 480932.09, 3666705.32, 171.72,
           0.00) DC
 171.72,
*** RECEPTOR TYPES: GC = GRIDCART
                   GP = GRIDPOLR
                   DC = DISCCART
                   DP = DISCPOLR
★ *** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
San Marcos\Pacific\Pacific ***
                               05/10/22
*** AERMET - VERSION 14134 *** ***
                    ***
                              10:24:06
                              PAGE 5
                RegDFAULT CONC ELEV RURAL
*** MODELOPTs:
                                           *** THE SUMMARY OF HIGHEST 1-HR
RESULTS ***
                                ** CONC OF PM 10 IN MICROGRAMS/M**3
             **
                                                DATE
                                    NETWORK
                                                          RECEPTOR
GROUP ID
                              AVERAGE CONC
                                             (YYMMDDHH)
(XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
HIGH 1ST HIGH VALUE IS 3537.67602 ON 13122008: AT ( 481524.14,
ALL
3666984.01, 168.87, 168.87, 0.00) DC
*** RECEPTOR TYPES: GC = GRIDCART
                   GP = GRIDPOLR
                   DC = DISCCART
                   DP = DISCPOLR
★ *** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Pacific
                             05/10/22
San Marcos\Pacific\Pacific ***
                             ***
*** AERMET - VERSION 14134 ***
                    ***
                              10:24:06
                              PAGE
                                    6
*** MODELOPTs:
                RegDFAULT CONC ELEV RURAL
*** Message Summary : AERMOD Model Execution ***
```

```
----- Summary of Total Messages -----
A Total of
                    0 Fatal Error Message(s)
A Total of
                    0 Warning Message(s)
          19613 Informational Message(s)
A Total of
A Total of
                43872 Hours Were Processed
A Total of
                16729 Calm Hours Identified
A Total of
                 2884 Missing Hours Identified ( 6.57 Percent)
  ****** FATAL ERROR MESSAGES ******
             *** NONE ***
  *****
             WARNING MESSAGES
                              ******
```

\*\*\* NONE \*\*\*

## HARP2 - HRACalc (dated 22118) 9/29/2023 3:47:05 PM - Output Log

RISK SCENARIO SETTINGS

Receptor Type: Resident

Scenario: All

Calculation Method: Derived

\*\*\*\*\*\*\*\*\*\*\*

EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25

Total Exposure Duration: 1.5

Exposure Duration Bin Distribution

3rd Trimester Bin: 0.25

0<2 Years Bin: 1.5
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0</pre>

\*\*\*\*\*\*\*\*\*\*\*

PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True

Soil: True Dermal: True

Mother's milk: True

Water: False Fish: False

Homegrown crops: False

Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

\*\*\*\*\*\*\*\*\*\*\*

**INHALATION** 

Daily breathing rate: LongTerm24HR

\*\*Worker Adjustment Factors\*\*

Worker adjustment factors enabled: NO

\*\*Fraction at time at home\*\*
3rd Trimester to 16 years: OFF

16 years to 70 years: OFF

\*\*\*\*\*\*\*\*\*\*\*

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05 Soil mixing depth (m): 0.01

Dermal climate: Mixed

\*\*\*\*\*\*\*\*\*\*

TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.

Tier2 - What was changed: ED or start age changed

Calculating cancer risk

Cancer risk breakdown by pollutant and receptor saved to:

C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\PACIFIC

NORTH\hra\ResidentialCancerRisk.csv

Cancer risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\Pacific

San Marcos\PACIFIC NORTH\hra\ResidentialCancerRiskSumByRec.csv

Calculating chronic risk

Chronic risk breakdown by pollutant and receptor saved to:

C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\PACIFIC

NORTH\hra\ResidentialNCChronicRisk.csv

Chronic risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\Pacific

San Marcos\PACIFIC NORTH\hra\ResidentialNCChronicRiskSumByRec.csv

Calculating acute risk

Acute risk breakdown by pollutant and receptor saved to:

C:\Users\apoll\Desktop\HARP2\HARP\Pacific San Marcos\PACIFIC

NORTH\hra\ResidentialNCAcuteRisk.csv

Acute risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\Pacific San

Marcos\PACIFIC NORTH\hra\ResidentialNCAcuteRiskSumByRec.csv

HRA ran successfully

REC	GRP	NETID	v ,	Y I	RISK SUM SCENARIO I	NILL DICK	COIL BICK	DEDMAL D		WATED DI	EICH DICK	CDOD DISK	DEEE DICK	DAIDY DICL	DIC DISK	CHICKEN E	ECC DISK
KEC	_	NETID			_	_	_	_	_	_	_	_	_	_	_	_	_
	1 ALL		480392.1	3665985	9.96E-08 1.5YrCance												
	2 ALL		480412.1	3665985	9.94E-08 1.5YrCance												
	3 ALL		480332.1	3666005	1.08E-07 1.5YrCance											0.00E+00	
	4 ALL		480352.1	3666005	1.05E-07 1.5YrCance			0.00E+00									
	5 ALL		480372.1	3666005	1.04E-07 1.5YrCance			0.00E+00									
	6 ALL		480392.1	3666005	1.04E-07 1.5YrCance							0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00
	7 ALL		480412.1	3666005	1.03E-07 1.5YrCance			0.00E+00								0.00E+00	0.00E+00
	8 ALL		480432.1	3666005	1.04E-07 1.5YrCance			0.00E+00								0.00E+00	0.00E+00
	9 ALL		480292.1	3666025	1.18E-07 1.5YrCance			0.00E+00							0.00E+00		0.00E+00
	10 ALL		480312.1	3666025	1.16E-07 1.5YrCance			0.00E+00									
	l1 ALL		480332.1	3666025	1.14E-07 1.5YrCance			0.00E+00									
	12 ALL		480352.1	3666025	1.11E-07 1.5YrCance												
	13 ALL		480372.1	3666025	1.10E-07 1.5YrCanc€							0.00E+00				0.00E+00	0.00E+00
	14 ALL		480392.1	3666025	1.09E-07 1.5YrCance			0.00E+00									
	15 ALL		480412.1	3666025	1.09E-07 1.5YrCanc€			0.00E+00									
	16 ALL		480432.1	3666025	1.10E-07 1.5YrCance			0.00E+00									0.00E+00
	17 ALL		481052.1	3666025	1.96E-07 1.5YrCanc€			0.00E+00								0.00E+00	0.00E+00
	18 ALL		480252.1	3666045	1.34E-07 1.5YrCanc€			0.00E+00									
	19 ALL		480272.1	3666045	1.29E-07 1.5YrCance							0.00E+00				0.00E+00	
	20 ALL		480292.1	3666045	1.24E-07 1.5YrCanc€	_										0.00E+00	0.00E+00
	21 ALL		480312.1	3666045	1.22E-07 1.5YrCanc€			0.00E+00									0.00E+00
	22 ALL		480332.1	3666045	1.20E-07 1.5YrCanc€			0.00E+00									
	23 ALL		480352.1	3666045	1.18E-07 1.5YrCanc€			0.00E+00								0.00E+00	0.00E+00
	24 ALL		480372.1	3666045	1.17E-07 1.5YrCanc€			0.00E+00									
	25 ALL		480392.1	3666045	1.16E-07 1.5YrCanc€			0.00E+00									
	26 ALL		480412.1	3666045	1.15E-07 1.5YrCance											0.00E+00	
	27 ALL		480432.1	3666045	1.17E-07 1.5YrCanc€											0.00E+00	0.00E+00
	28 ALL		480452.1	3666045	1.19E-07 1.5YrCanc€			0.00E+00								0.00E+00	0.00E+00
	29 ALL		481032.1	3666045	1.98E-07 1.5YrCanc€			0.00E+00									
	30 ALL		481052.1	3666045	2.03E-07 1.5YrCanc€			0.00E+00							0.00E+00		0.00E+00
	31 ALL		480192.1	3666065	1.50E-07 1.5YrCanc€			0.00E+00									0.00E+00
	32 ALL		480212.1	3666065	1.44E-07 1.5YrCanc€			0.00E+00									
	33 ALL		480232.1	3666065	1.41E-07 1.5YrCanc€												0.00E+00
	34 ALL		480252.1	3666065	1.39E-07 1.5YrCanc€												
	35 ALL		480272.1	3666065	1.36E-07 1.5YrCanc€												
	36 ALL		480292.1	3666065	1.33E-07 1.5YrCance												
	37 ALL		480312.1	3666065	1.30E-07 1.5YrCance												
	38 ALL		480332.1	3666065	1.26E-07 1.5YrCanc€												
	39 ALL		480352.1	3666065	1.22E-07 1.5YrCance												
	40 ALL		480372.1	3666065	1.19E-07 1.5YrCanc€												
	41 ALL		480392.1	3666065	1.21E-07 1.5YrCanc€												
	42 ALL		480412.1	3666065	1.23E-07 1.5YrCance												
	43 ALL		480432.1	3666065	1.24E-07 1.5YrCanc€												
	14 ALL		480452.1	3666065	1.24E-07 1.5YrCance												
	45 ALL		480612.1	3666065	1.41E-07 1.5YrCance												
	46 ALL		480632.1	3666065	1.43E-07 1.5YrCanc€												
	47 ALL		480652.1	3666065	1.45E-07 1.5YrCanc€												
	48 ALL		480992.1	3666065	1.95E-07 1.5YrCanc€												
4	49 ALL		481012.1	3666065	1.99E-07 1.5YrCance	1.99E-07	0.00E+00	U.UUE+00	U.UUE+00	U.UUE+00	0.00E+00	U.UUE+00	U.00E+00	U.UUE+00	0.00E+00	U.UUE+00	U.00E+00

50 ALL	481032.1	3666065	2.04E-07 1.5YrCance												
51 ALL	481052.1	3666065	2.09E-07 1.5YrCance						0.00E+00						
52 ALL	480192.1	3666085	1.54E-07 1.5YrCance						0.00E+00						
53 ALL	480212.1	3666085	1.48E-07 1.5YrCance						0.00E+00						
54 ALL	480232.1	3666085	1.46E-07 1.5YrCance			0.00E+00									
55 ALL	480252.1	3666085	1.44E-07 1.5YrCance			0.00E+00					0.00E+00				
56 ALL	480272.1	3666085	1.42E-07 1.5YrCance						0.00E+00						
57 ALL	480292.1	3666085	1.37E-07 1.5YrCance						0.00E+00						
58 ALL	480312.1	3666085	1.34E-07 1.5YrCance						0.00E+00						
59 ALL	480332.1	3666085	1.30E-07 1.5YrCance						0.00E+00						
60 ALL	480352.1	3666085	1.27E-07 1.5YrCance						0.00E+00						
61 ALL	480372.1	3666085	1.24E-07 1.5YrCance						0.00E+00						0.00E+00
62 ALL	480392.1	3666085	1.26E-07 1.5YrCance						0.00E+00						
63 ALL	480412.1	3666085	1.28E-07 1.5YrCance						0.00E+00						
64 ALL	480432.1	3666085	1.31E-07 1.5YrCance						0.00E+00						
65 ALL	480452.1	3666085	1.31E-07 1.5YrCance												
66 ALL	480472.1	3666085	1.34E-07 1.5YrCance						0.00E+00						
67 ALL	480572.1	3666085	1.47E-07 1.5YrCance	_					0.00E+00						
68 ALL	480592.1	3666085	1.48E-07 1.5YrCance			0.00E+00					0.00E+00				
69 ALL	480612.1	3666085	1.50E-07 1.5YrCanc€						0.00E+00						
70 ALL	480632.1	3666085	1.51E-07 1.5YrCance						0.00E+00						
71 ALL	480652.1	3666085	1.52E-07 1.5YrCance						0.00E+00						
72 ALL	480972.1	3666085	1.96E-07 1.5YrCance												
73 ALL	480992.1	3666085	2.01E-07 1.5YrCance						0.00E+00						
74 ALL	481012.1	3666085	2.05E-07 1.5YrCance						0.00E+00						
75 ALL	481032.1	3666085	2.10E-07 1.5YrCance			0.00E+00									
76 ALL	481052.1	3666085	2.15E-07 1.5YrCanc€						0.00E+00						
77 ALL	481072.1	3666085	2.20E-07 1.5YrCance						0.00E+00						
78 ALL	480192.1	3666105	1.55E-07 1.5YrCanc€						0.00E+00						
79 ALL	480212.1	3666105	1.52E-07 1.5YrCanc€												
80 ALL	480232.1	3666105	1.51E-07 1.5YrCance			0.00E+00					0.00E+00				
81 ALL	480252.1	3666105	1.49E-07 1.5YrCance								0.00E+00				0.00E+00
82 ALL	480272.1	3666105	1.45E-07 1.5YrCance						0.00E+00						
83 ALL	480292.1	3666105	1.38E-07 1.5YrCance												
84 ALL	480312.1	3666105	1.35E-07 1.5YrCance												
85 ALL	480332.1	3666105	1.33E-07 1.5YrCance												
86 ALL	480352.1	3666105	1.32E-07 1.5YrCance												
87 ALL	480372.1	3666105	1.31E-07 1.5YrCance												
88 ALL	480392.1	3666105	1.31E-07 1.5YrCance												
89 ALL	480412.1	3666105	1.33E-07 1.5YrCance												
90 ALL	480432.1	3666105	1.37E-07 1.5YrCance												
91 ALL	480452.1	3666105	1.41E-07 1.5YrCance												
92 ALL	480472.1	3666105	1.40E-07 1.5YrCanc€												
93 ALL	480532.1	3666105	1.57E-07 1.5YrCanc€												
94 ALL	480552.1	3666105	1.58E-07 1.5YrCanc€												
95 ALL	480572.1	3666105	1.58E-07 1.5YrCance												
96 ALL	480592.1	3666105	1.59E-07 1.5YrCanc€												
97 ALL	480612.1	3666105	1.61E-07 1.5YrCanc€												
98 ALL	480632.1	3666105	1.61E-07 1.5YrCance												
99 ALL	480652.1	3666105	1.62E-07 1.5YrCance	1.62E-07	0.00E+00										

100 ALL	480672.1	3666105	1.65E-07 1.5YrCanc€	1.65E-07	0.00E+00	0.00E+00	0.00E+00								
101 ALL	480952.1	3666105	1.98E-07 1.5YrCanc€	1.98E-07	0.00E+00	0.00E+00	0.00E+00								
102 ALL	480972.1	3666105	2.02E-07 1.5YrCanc€	2.02E-07	0.00E+00	0.00E+00	0.00E+00								
103 ALL	480992.1	3666105	2.07E-07 1.5YrCanc€	2.07E-07	0.00E+00	0.00E+00	0.00E+00								
104 ALL	481012.1	3666105	2.12E-07 1.5YrCanc€	2.12E-07	0.00E+00	0.00E+00	0.00E+00								
105 ALL	481032.1	3666105	2.17E-07 1.5YrCanc€	2.17E-07	0.00E+00	0.00E+00	0.00E+00								
106 ALL	481052.1	3666105	2.22E-07 1.5YrCanc€	2.22E-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
107 ALL	481072.1	3666105	2.27E-07 1.5YrCanc€	2.27E-07		0.00E+00	0.00E+00	0.00E+00							
108 ALL	480192.1	3666125	1.58E-07 1.5YrCanc€	1.58E-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
109 ALL	480212.1	3666125	1.56E-07 1.5YrCanc€		0.00E+00	0.00E+00	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	480232.1	3666125	1.54E-07 1.5YrCanc€	1.54E-07	0.00E+00	0.00E+00	0.00E+00								
111 ALL	480252.1	3666125	1.51E-07 1.5YrCance		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	480272.1	3666125	1.48E-07 1.5YrCanc€		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	480292.1	3666125	1.44E-07 1.5YrCanc€		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	480312.1	3666125	1.41E-07 1.5YrCance		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	480332.1	3666125	1.39E-07 1.5YrCance			0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00		0.00E+00		
116 ALL	480352.1	3666125	1.38E-07 1.5YrCance			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	480372.1	3666125	1.37E-07 1.5YrCance		0.00E+00	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	480392.1	3666125	1.39E-07 1.5YrCance		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	480412.1	3666125	1.41E-07 1.5YrCance		0.00E+00	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	480432.1	3666125	1.45E-07 1.5YrCance		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	480452.1	3666125	1.51E-07 1.5YrCance		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	480472.1	3666125	1.51E-07 1.5YrCance		0.00E+00	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	480492.1	3666125	1.59E-07 1.5YrCance		0.00E+00	0.00E+00	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	480512.1	3666125	1.64E-07 1.5YrCance		0.00E+00	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	480532.1	3666125	1.68E-07 1.5YrCance		0.00E+00	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	480552.1	3666125	1.70E-07 1.5YrCance		0.00E+00	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	480572.1	3666125	1.70E-07 1.5YrCance		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	480592.1	3666125	1.71E-07 1.5YrCance		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	480612.1	3666125	1.72E-07 1.5YrCance			0.00E+00 0.00E+00	0.00E+00 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	480632.1	3666125	1.73E-07 1.5YrCance 1.73E-07 1.5YrCance		0.00E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00 0.00E+00	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 132 ALL	480652.1 480672.1	3666125 3666125	1.73E-07 1.5YrCance		0.00E+00	0.00E+00	0.00E+00	0.00E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00 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 133 ALL	480692.1	3666125	1.75E-07 1.5YrCance					0.00E+00					0.00E+00		0.00E+00 0.00E+00
134 ALL	480932.1	0666405	2.01E-07 1.5YrCance												
135 ALL	480952.1	3666125 3666125	2.05E-07 1.5YrCance												
136 ALL	480972.1	3666125	2.09E-07 1.5YrCance												
137 ALL	480972.1	3666125	2.14E-07 1.5YrCance												
138 ALL	481012.1	3666125	2.19E-07 1.5YrCance												
139 ALL	481032.1	3666125	2.24E-07 1.5YrCance												
140 ALL	481052.1	3666125	2.29E-07 1.5YrCancε												
141 ALL	481072.1	3666125	2.35E-07 1.5YrCance												
142 ALL	481092.1	3666125	2.40E-07 1.5YrCance										0.00E+00		
143 ALL	480192.1	3666145	1.61E-07 1.5YrCance										0.00E+00		
144 ALL	480212.1	3666145	1.60E-07 1.5YrCance										0.00E+00		
145 ALL	480232.1	3666145	1.57E-07 1.5YrCance					0.00E+00					0.00E+00		
146 ALL	480252.1	3666145	1.54E-07 1.5YrCance										0.00E+00		
147 ALL	480272.1	3666145	1.51E-07 1.5YrCanc€										0.00E+00		
148 ALL	480292.1	3666145	1.48E-07 1.5YrCanc€					0.00E+00					0.00E+00		
149 ALL	480312.1		1.46E-07 1.5YrCanc€												
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150 ALL	480332.1	3666145	1.44E-07 1.5YrCanc€	1.44E-07	0.00E+00	0.00E+00	0.00E+00								
151 ALL	480352.1	3666145	1.43E-07 1.5YrCanc€	1.43E-07	0.00E+00	0.00E+00	0.00E+00								
152 ALL	480372.1	3666145	1.43E-07 1.5YrCanc€	1.43E-07	0.00E+00			0.00E+00		0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00
153 ALL	480392.1	3666145	1.44E-07 1.5YrCanc€	1.44E-07	0.00E+00	0.00E+00	0.00E+00								
154 ALL	480412.1	3666145	1.49E-07 1.5YrCanc€		0.00E+00	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	480432.1	3666145	1.57E-07 1.5YrCanc€		0.00E+00	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	480452.1	3666145	1.64E-07 1.5YrCanc€	1.64E-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
157 ALL	480472.1	3666145	1.66E-07 1.5YrCanc€	1.66E-07				0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158 ALL	480492.1	3666145	1.71E-07 1.5YrCanc€	1.71E-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
159 ALL	480512.1	3666145	1.76E-07 1.5YrCanc€		0.00E+00	0.00E+00	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	480532.1	3666145	1.79E-07 1.5YrCance		0.00E+00		0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00			0.00E+00
161 ALL	480552.1	3666145	1.81E-07 1.5YrCance		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	480572.1	3666145	1.82E-07 1.5YrCance		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	480592.1	3666145	1.82E-07 1.5YrCance				0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00			0.00E+00
164 ALL	480612.1	3666145	1.83E-07 1.5YrCance		0.00E+00		0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00			0.00E+00
165 ALL	480632.1	3666145	1.85E-07 1.5YrCance				0.00E+00	0.00E+00		0.00E+00	0.00E+00		0.00E+00		
166 ALL	480652.1	3666145	1.86E-07 1.5YrCance				0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00
167 ALL	480672.1	3666145	1.85E-07 1.5YrCance		0.00E+00	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	480692.1	3666145	1.87E-07 1.5YrCance		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	480912.1	3666145	2.05E-07 1.5YrCance		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	480932.1	3666145	2.09E-07 1.5YrCance		0.00E+00	0.00E+00	0.00E+00			0.00E+00	0.00E+00	0.00E+00			0.00E+00
171 ALL	480952.1	3666145	2.13E-07 1.5YrCance		0.00E+00		0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00			0.00E+00
172 ALL	480972.1	3666145	2.17E-07 1.5YrCance		0.00E+00	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	480992.1	3666145	2.22E-07 1.5YrCance		0.00E+00	0.00E+00	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	481012.1	3666145	2.27E-07 1.5YrCance		0.00E+00	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	481032.1	3666145	2.32E-07 1.5YrCance		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	481052.1	3666145	2.37E-07 1.5YrCance		0.00E+00	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	481072.1	3666145	2.43E-07 1.5YrCance		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	481092.1	3666145	2.49E-07 1.5YrCance		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	480212.1	3666165	1.65E-07 1.5YrCance		0.00E+00	0.00E+00 0.00E+00	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	480232.1	3666165	1.64E-07 1.5YrCance 1.59E-07 1.5YrCance		0.00E+00 0.00E+00	0.00E+00 0.00E+00	0.00E+00 0.00E+00	0.00E+00 0.00E+00	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 182 ALL	480252.1 480272.1	3666165 3666165	1.53E-07 1.5YrCance		0.00E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00 0.00E+00		0.00E+00	0.00E+00 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	480272.1	3666165	1.51E-07 1.5YrCance					0.00E+00							0.00E+00 0.00E+00
184 ALL	480312.1	2000405	1.49E-07 1.5YrCance												
185 ALL	480332.1	3666165 3666165	1.49E-07 1.5YrCance												
186 ALL	480352.1	3666165	1.48E-07 1.5YrCance												
180 ALL 187 ALL	480372.1	3666165	1.47E-07 1.5YrCance												
188 ALL	480392.1	3666165	1.47E-07 1.5YrCance												
189 ALL	480412.1	3666165	1.58E-07 1.5YrCance												
190 ALL	480432.1	3666165	1.71E-07 1.5YrCance												
191 ALL	480452.1	3666165	1.78E-07 1.5YrCance												
192 ALL	480472.1	3666165	1.81E-07 1.5YrCance												
193 ALL	480492.1	3666165	1.83E-07 1.5YrCance										0.00E+00		
194 ALL	480512.1	3666165	1.86E-07 1.5YrCance					0.00E+00							
195 ALL	480532.1	3666165	1.89E-07 1.5YrCance					0.00E+00							
196 ALL	480552.1	3666165	1.92E-07 1.5YrCance					0.00E+00			0.00E+00				
197 ALL	480572.1	3666165	1.94E-07 1.5YrCance												
198 ALL	480592.1	3666165	1.94E-07 1.5YrCance					0.00E+00					0.00E+00		
199 ALL	480612.1		1.94E-07 1.5YrCance												
100 / LL	700012.1	2200103	5 .L 5/ 1.5 !! Callet	1.572 07	5.552.00	5.552.750	5.552.00	0.001.00	5.552.00	5.552.00	5.552.00	5.552.00	3.302.00	3.552.750	3.552.50

200 ALL	480632.1	3666165	1.95E-07 1.5YrCanc€	1.95E-07	0.00E+00										
201 ALL	480652.1	3666165	1.98E-07 1.5YrCanc€	1.98E-07	0.00E+00										
202 ALL	480672.1	3666165	1.99E-07 1.5YrCanc€	1.99E-07	0.00E+00										
203 ALL	480692.1	3666165	2.00E-07 1.5YrCanc€	2.00E-07	0.00E+00										
204 ALL	480712.1	3666165	2.01E-07 1.5YrCanc€	2.01E-07	0.00E+00										
205 ALL	480892.1	3666165	2.13E-07 1.5YrCanc€	2.13E-07	0.00E+00										
206 ALL	480912.1	3666165	2.15E-07 1.5YrCance	2.15E-07	0.00E+00										
207 ALL	480932.1	3666165	2.19E-07 1.5YrCance	2.19E-07	0.00E+00										
208 ALL	480952.1	3666165	2.23E-07 1.5YrCanc€	2.23E-07	0.00E+00										
209 ALL	480972.1	3666165	2.27E-07 1.5YrCance	2.27E-07	0.00E+00										
210 ALL	480992.1	3666165	2.31E-07 1.5YrCance	2.31E-07	0.00E+00										
211 ALL	481012.1	3666165	2.36E-07 1.5YrCanc€	2.36E-07	0.00E+00										
212 ALL	481032.1	3666165	2.41E-07 1.5YrCance	2.41E-07	0.00E+00										
213 ALL	481052.1	3666165	2.47E-07 1.5YrCance	2.47E-07	0.00E+00										
214 ALL	481072.1	3666165	2.53E-07 1.5YrCance	2.53E-07	0.00E+00										
215 ALL	481092.1	3666165	2.59E-07 1.5YrCance	2.59E-07	0.00E+00										
216 ALL	480212.1	3666185	1.73E-07 1.5YrCanc€	1.73E-07	0.00E+00										
217 ALL	480232.1	3666185	1.71E-07 1.5YrCance	1.71E-07	0.00E+00										
218 ALL	480252.1	3666185	1.67E-07 1.5YrCanc€	1.67E-07	0.00E+00										
219 ALL	480272.1	3666185	1.62E-07 1.5YrCanc€	1.62E-07	0.00E+00										
220 ALL	480292.1	3666185	1.59E-07 1.5YrCanc€	1.59E-07	0.00E+00										
221 ALL	480312.1	3666185	1.55E-07 1.5YrCanc€	1.55E-07	0.00E+00										
222 ALL	480332.1	3666185	1.56E-07 1.5YrCanc€	1.56E-07	0.00E+00										
223 ALL	480352.1	3666185	1.59E-07 1.5YrCanc€	1.59E-07	0.00E+00										
224 ALL	480372.1	3666185	1.61E-07 1.5YrCanc€	1.61E-07	0.00E+00										
225 ALL	480392.1	3666185	1.62E-07 1.5YrCanc€	1.62E-07	0.00E+00										
226 ALL	480412.1	3666185	1.69E-07 1.5YrCance	1.69E-07	0.00E+00										
227 ALL	480432.1	3666185	1.78E-07 1.5YrCanc€	1.78E-07	0.00E+00										
228 ALL	480452.1	3666185	1.85E-07 1.5YrCanc€	1.85E-07	0.00E+00										
229 ALL	480472.1	3666185	1.90E-07 1.5YrCanc€	1.90E-07	0.00E+00										
230 ALL	480492.1	3666185	1.94E-07 1.5YrCanc€	1.94E-07	0.00E+00										
231 ALL	480512.1	3666185	1.96E-07 1.5YrCanc€	1.96E-07	0.00E+00										
232 ALL	480532.1	3666185	1.99E-07 1.5YrCanc€	1.99E-07	0.00E+00										
233 ALL	480552.1	3666185	2.02E-07 1.5YrCanc€	2.02E-07	0.00E+00										
234 ALL	480572.1	3666185	2.05E-07 1.5YrCanc€	2.05E-07	0.00E+00										
235 ALL	480592.1	3666185	2.06E-07 1.5YrCanc€	2.06E-07	0.00E+00										
236 ALL	480612.1	3666185	2.07E-07 1.5YrCanc€	2.07E-07	0.00E+00										
237 ALL	480632.1	3666185	2.09E-07 1.5YrCanc€	2.09E-07	0.00E+00										
238 ALL	480652.1	3666185	2.09E-07 1.5YrCanc€	2.09E-07	0.00E+00										
239 ALL	480672.1	3666185	2.11E-07 1.5YrCanc€	2.11E-07	0.00E+00										
240 ALL	480692.1	3666185	2.13E-07 1.5YrCanc€	2.13E-07	0.00E+00										
241 ALL	480712.1	3666185	2.13E-07 1.5YrCanc€	2.13E-07	0.00E+00										
242 ALL	480872.1	3666185	2.23E-07 1.5YrCanc€	2.23E-07	0.00E+00										
243 ALL	480892.1	3666185	2.25E-07 1.5YrCanc€	2.25E-07	0.00E+00										
244 ALL	480912.1	3666185	2.27E-07 1.5YrCanc€	2.27E-07	0.00E+00										
245 ALL	480932.1	3666185	2.30E-07 1.5YrCanc€	2.30E-07	0.00E+00										
246 ALL	480952.1	3666185	2.34E-07 1.5YrCanc€	2.34E-07	0.00E+00										
247 ALL	480972.1	3666185	2.38E-07 1.5YrCanc€	2.38E-07	0.00E+00										
248 ALL	480992.1	3666185	2.42E-07 1.5YrCanc€	2.42E-07	0.00E+00										
249 ALL	481012.1	3666185	2.47E-07 1.5YrCanc€	2.47E-07	0.00E+00										

250	ALL 481032.1	3666185	2.52E-07 1.5YrCance	2.52E-07	0.00E+00										
251	ALL 481052.1	3666185	2.58E-07 1.5YrCance	2.58E-07	0.00E+00										
252	ALL 481072.1	3666185	2.63E-07 1.5YrCanc€	2.63E-07	0.00E+00										
253	ALL 481092.1	3666185	2.69E-07 1.5ΥrCancε	2.69E-07	0.00E+00										
254	ALL 481112.1	3666185	2.76E-07 1.5ΥrCancε	2.76E-07	0.00E+00										
255	ALL 480212.1	3666205	1.82E-07 1.5YrCanc€	1.82E-07	0.00E+00										
256	ALL 480232.1	3666205	1.80E-07 1.5YrCanc€	1.80E-07	0.00E+00										
257	ALL 480252.1	3666205	1.76E-07 1.5YrCanc€	1.76E-07	0.00E+00										
258	ALL 480272.1	3666205	1.72E-07 1.5YrCanc€	1.72E-07	0.00E+00										
259	ALL 480292.1	3666205	1.69E-07 1.5YrCanc€	1.69E-07	0.00E+00										
260	ALL 480312.1	3666205	1.66E-07 1.5YrCanc€	1.66E-07	0.00E+00										
261	ALL 480332.1	3666205	1.67E-07 1.5YrCanc€	1.67E-07	0.00E+00										
262	ALL 480352.1	3666205	1.71E-07 1.5YrCanc€	1.71E-07	0.00E+00										
263	ALL 480372.1	3666205	1.72E-07 1.5YrCanc€	1.72E-07	0.00E+00										
264	ALL 480392.1	3666205	1.73E-07 1.5YrCanc€	1.73E-07	0.00E+00										
265	ALL 480412.1	3666205	1.78E-07 1.5YrCanc€	1.78E-07	0.00E+00										
266	ALL 480432.1	3666205	1.85E-07 1.5YrCanc€	1.85E-07	0.00E+00										
267	ALL 480452.1	3666205	1.92E-07 1.5YrCanc€	1.92E-07	0.00E+00										
268	ALL 480472.1	3666205	1.98E-07 1.5YrCanc€	1.98E-07	0.00E+00										
269	ALL 480492.1	3666205	2.02E-07 1.5YrCanc€	2.02E-07	0.00E+00										
270	ALL 480512.1	3666205	2.05E-07 1.5ΥrCancε	2.05E-07	0.00E+00										
271	ALL 480532.1	3666205	2.08E-07 1.5ΥrCancε	2.08E-07	0.00E+00										
272	ALL 480552.1	3666205	2.12E-07 1.5YrCanc€	2.12E-07	0.00E+00										
273	ALL 480572.1	3666205	2.14E-07 1.5YrCanc€	2.14E-07	0.00E+00										
274	ALL 480592.1	3666205	2.17E-07 1.5ΥrCancε	2.17E-07	0.00E+00										
275	ALL 480612.1	3666205	2.19E-07 1.5ΥrCancε	2.19E-07	0.00E+00										
276	ALL 480632.1	3666205	2.21E-07 1.5ΥrCancε	2.21E-07	0.00E+00										
277	ALL 480652.1	3666205	2.21E-07 1.5ΥrCancε	2.21E-07	0.00E+00										
278	ALL 480672.1	3666205	2.23E-07 1.5YrCanc€	2.23E-07	0.00E+00										
279	ALL 480692.1	3666205	2.25E-07 1.5YrCanc€	2.25E-07	0.00E+00										
280	ALL 480712.1	3666205	2.26E-07 1.5YrCanc€	2.26E-07	0.00E+00										
281	ALL 480732.1	3666205	2.28E-07 1.5YrCanc€	2.28E-07	0.00E+00										
282	ALL 480852.1	3666205	2.35E-07 1.5YrCanc€	2.35E-07	0.00E+00										
283	ALL 480872.1	3666205	2.37E-07 1.5YrCanc€	2.37E-07	0.00E+00										
284	ALL 480892.1	3666205	2.38E-07 1.5YrCanc€	2.38E-07	0.00E+00										
285	ALL 480912.1	3666205	2.41E-07 1.5YrCanc€	2.41E-07	0.00E+00										
286	ALL 480932.1	3666205	2.44E-07 1.5YrCanc€	2.44E-07	0.00E+00										
287	ALL 480952.1	3666205	2.47E-07 1.5YrCanc€	2.47E-07	0.00E+00										
288	ALL 480972.1	3666205	2.51E-07 1.5YrCanc€	2.51E-07	0.00E+00										
289	ALL 480992.1	3666205	2.55E-07 1.5YrCanc€	2.55E-07	0.00E+00										
290	ALL 481012.1	3666205	2.60E-07 1.5YrCanc€	2.60E-07	0.00E+00										
291	ALL 481032.1	3666205	2.65E-07 1.5YrCanc€	2.65E-07	0.00E+00										
292	ALL 481052.1	3666205	2.70E-07 1.5YrCanc€	2.70E-07	0.00E+00										
293	ALL 481072.1	3666205	2.76E-07 1.5YrCance	2.76E-07	0.00E+00										
294	ALL 481092.1	3666205	2.82E-07 1.5YrCanc€	2.82E-07	0.00E+00										
295	ALL 481112.1	3666205	2.88E-07 1.5YrCance	2.88E-07	0.00E+00										
296	ALL 480212.1	3666225	1.91E-07 1.5YrCance	1.91E-07	0.00E+00										
297	ALL 480232.1	3666225	1.89E-07 1.5YrCanc€	1.89E-07	0.00E+00										
298	ALL 480252.1	3666225	1.86E-07 1.5YrCanc€	1.86E-07	0.00E+00										
299	ALL 480272.1	3666225	1.83E-07 1.5YrCance	1.83E-07	0.00E+00										

	00 ALL	480292.1	3666225	1.83E-07 1.5YrCanc€		0.00E+00										
	01 ALL	480312.1	3666225	1.83E-07 1.5YrCanc€		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	02 ALL	480332.1	3666225	1.83E-07 1.5YrCanc€			0.00E+00			0.00E+00		0.00E+00	0.00E+00			0.00E+00
30	03 ALL	480352.1	3666225	1.82E-07 1.5YrCanc€		0.00E+00	0.00E+00	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	04 ALL	480372.1	3666225	1.81E-07 1.5YrCanc€		0.00E+00										
	05 ALL	480392.1	3666225	1.81E-07 1.5YrCanc€		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	06 ALL	480412.1	3666225	1.86E-07 1.5YrCanc€		0.00E+00		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	07 ALL	480432.1	3666225	1.94E-07 1.5YrCanc€					0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	08 ALL	480452.1	3666225	1.99E-07 1.5YrCance		0.00E+00				0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
		480472.1	3666225	2.03E-07 1.5YrCanc€		0.00E+00	0.00E+00	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	480492.1	3666225	2.09E-07 1.5YrCanc€		0.00E+00			0.00E+00							
	11 ALL	480512.1	3666225	2.14E-07 1.5YrCance		0.00E+00	0.00E+00	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	480532.1	3666225	2.18E-07 1.5YrCanc€		0.00E+00										
	13 ALL	480552.1	3666225	2.21E-07 1.5YrCanc€					0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	14 ALL	480572.1	3666225	2.24E-07 1.5YrCanc€		0.00E+00	0.00E+00	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	480592.1	3666225	2.26E-07 1.5YrCanc€					0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00		0.00E+00
3:	16 ALL	480612.1	3666225	2.28E-07 1.5YrCance		0.00E+00			0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
		480632.1	3666225	2.31E-07 1.5YrCanc€		0.00E+00										
	18 ALL	480652.1	3666225	2.32E-07 1.5YrCanc€		0.00E+00										
		480672.1	3666225	2.35E-07 1.5YrCanc€		0.00E+00										
	20 ALL	480692.1	3666225	2.38E-07 1.5YrCanc€		0.00E+00	0.00E+00	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	480712.1	3666225	2.39E-07 1.5YrCance	2.39E-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
	22 ALL	480732.1	3666225	2.40E-07 1.5YrCanc€		0.00E+00	0.00E+00	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	480832.1	3666225	2.48E-07 1.5YrCanc€	2.48E-07	0.00E+00										
	24 ALL	480852.1	3666225	2.50E-07 1.5YrCanc€		0.00E+00		0.00E+00								
	25 ALL	480872.1	3666225	2.51E-07 1.5YrCanc€		0.00E+00		0.00E+00								
32	26 ALL	480892.1	3666225	2.53E-07 1.5YrCanc€		0.00E+00	0.00E+00	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	480912.1	3666225	2.56E-07 1.5YrCanc€		0.00E+00	0.00E+00	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	480932.1	3666225	2.59E-07 1.5YrCanc€		0.00E+00										
32	29 ALL	480952.1	3666225	2.62E-07 1.5YrCanc€		0.00E+00		0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
		480972.1	3666225	2.65E-07 1.5YrCanc€		0.00E+00										
	31 ALL	480992.1	3666225	2.69E-07 1.5YrCanc€		0.00E+00										
	32 ALL	481012.1	3666225	2.74E-07 1.5YrCanc€		0.00E+00										
	33 ALL	481032.1	3666225	2.79E-07 1.5YrCanc€				0.00E+00		0.00E+00						0.00E+00
	34 ALL	481052.1	3666225	2.84E-07 1.5YrCance												0.00E+00
	35 ALL	481072.1	3666225	2.90E-07 1.5YrCanc€												
	36 ALL	481092.1	3666225	2.96E-07 1.5YrCanc€												
	37 ALL	481112.1	3666225	3.02E-07 1.5YrCance												
	38 ALL	481132.1	3666225	3.09E-07 1.5YrCanc€												
	39 ALL	480212.1	3666245	2.01E-07 1.5YrCance												
	40 ALL	480232.1	3666245	2.00E-07 1.5YrCanc€												
	41 ALL	480252.1	3666245	1.98E-07 1.5YrCanc€												
	42 ALL	480272.1	3666245	1.94E-07 1.5YrCanc€												
	43 ALL	480292.1	3666245	1.95E-07 1.5YrCanc€											0.00E+00	
	44 ALL	480312.1	3666245	1.95E-07 1.5YrCanc€											0.00E+00	
	45 ALL	480332.1	3666245	1.96E-07 1.5YrCanc€				0.00E+00						0.00E+00		
	46 ALL	480352.1	3666245	1.96E-07 1.5YrCanc€						0.00E+00				0.00E+00		
		480372.1	3666245	1.97E-07 1.5YrCanc€										0.00E+00		
	48 ALL	480392.1	3666245	1.98E-07 1.5YrCanc€				0.00E+00		0.00E+00					0.00E+00	
34	49 ALL	480412.1	3666245	2.02E-07 1.5YrCanc€	2.02E-07	0.00E+00										

3	350 ALL	480432.1	3666245	2.07E-07 1.5YrCanc€	2.07E-07	0.00E+00										
3	351 ALL	480452.1	3666245	2.11E-07 1.5YrCanc€	2.11E-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
3	352 ALL	480472.1	3666245	2.16E-07 1.5YrCanc€	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
3	353 ALL	480492.1	3666245	2.20E-07 1.5YrCanc€		0.00E+00										
3	354 ALL	480512.1	3666245	2.24E-07 1.5YrCanc€		0.00E+00										
3	355 ALL	480532.1	3666245	2.27E-07 1.5YrCanc€	2.27E-07	0.00E+00										
3	356 ALL	480552.1	3666245	2.28E-07 1.5YrCanc€		0.00E+00		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	480572.1	3666245	2.32E-07 1.5YrCanc€					0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	358 ALL	480592.1	3666245	2.34E-07 1.5YrCanc€	2.34E-07	0.00E+00										
3	359 ALL	480612.1	3666245	2.36E-07 1.5YrCanc€		0.00E+00	0.00E+00		0.00E+00							
3	360 ALL	480632.1	3666245	2.40E-07 1.5YrCanc€	2.40E-07	0.00E+00										
3	361 ALL	480652.1	3666245	2.42E-07 1.5YrCanc€		0.00E+00	0.00E+00	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	362 ALL	480672.1	3666245	2.45E-07 1.5YrCanc€		0.00E+00										
3	363 ALL	480692.1	3666245	2.48E-07 1.5YrCanc€		0.00E+00										
	364 ALL	480712.1	3666245	2.51E-07 1.5YrCanc€		0.00E+00	0.00E+00	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	480732.1	3666245	2.53E-07 1.5YrCanc€		0.00E+00			0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00		0.00E+00
3	366 ALL	480752.1	3666245	2.55E-07 1.5YrCanc€		0.00E+00	0.00E+00		0.00E+00							
	367 ALL	480812.1	3666245	2.62E-07 1.5YrCanc€		0.00E+00										
3	368 ALL	480832.1	3666245	2.64E-07 1.5YrCanc€		0.00E+00										
3	369 ALL	480852.1	3666245	2.66E-07 1.5YrCanc€		0.00E+00										
3	370 ALL	480872.1	3666245	2.67E-07 1.5YrCanc€	2.67E-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
3	371 ALL	480892.1	3666245	2.68E-07 1.5YrCanc€	2.68E-07	0.00E+00										
	372 ALL	480912.1	3666245	2.71E-07 1.5YrCanc€		0.00E+00	0.00E+00	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	480932.1	3666245	2.76E-07 1.5YrCanc€		0.00E+00										
3	374 ALL	480952.1	3666245	2.79E-07 1.5YrCanc€	2.79E-07	0.00E+00		0.00E+00								
3	375 ALL	480972.1	3666245	2.82E-07 1.5YrCanc€	2.82E-07	0.00E+00										
3	376 ALL	480992.1	3666245	2.86E-07 1.5YrCanc€	2.86E-07	0.00E+00										
	377 ALL	481012.1	3666245	2.91E-07 1.5YrCanc€	2.91E-07	0.00E+00										
	378 ALL	481032.1	3666245	2.95E-07 1.5YrCanc€		0.00E+00										
3	379 ALL	481052.1	3666245	3.01E-07 1.5YrCanc€		0.00E+00										
3	380 ALL	481072.1	3666245	3.06E-07 1.5YrCanc€		0.00E+00										
3	381 ALL	481092.1	3666245	3.12E-07 1.5YrCanc€		0.00E+00										
3	382 ALL	481112.1	3666245	3.18E-07 1.5YrCanc€		0.00E+00										
	383 ALL	481132.1	3666245	3.25E-07 1.5YrCanc€			0.00E+00			0.00E+00				0.00E+00	0.00E+00	0.00E+00
	384 ALL	480212.1	3666265	2.09E-07 1.5YrCanc€												0.00E+00
	385 ALL	480232.1	3666265	2.10E-07 1.5YrCanc€												
	386 ALL	480252.1	3666265	2.08E-07 1.5YrCanc€												
	387 ALL	480272.1	3666265	2.06E-07 1.5YrCanc€												
	388 ALL	480292.1	3666265	2.07E-07 1.5YrCanc€												
	389 ALL	480312.1	3666265	2.08E-07 1.5YrCanc€												
	390 ALL	480332.1	3666265	2.09E-07 1.5YrCanc€												
	391 ALL	480352.1	3666265	2.11E-07 1.5YrCanc€												
	392 ALL	480372.1	3666265	2.14E-07 1.5YrCanc€										0.00E+00	0.00E+00	0.00E+00
	393 ALL	480392.1	3666265	2.18E-07 1.5YrCanc€						0.00E+00				0.00E+00	0.00E+00	0.00E+00
	394 ALL	480412.1	3666265	2.20E-07 1.5YrCanc€											0.00E+00	
	395 ALL	480432.1	3666265	2.21E-07 1.5YrCanc€										0.00E+00		
	396 ALL	480452.1	3666265	2.24E-07 1.5YrCanc€						0.00E+00				0.00E+00		
	397 ALL	480472.1	3666265	2.30E-07 1.5YrCanc€										0.00E+00		
	398 ALL	480492.1	3666265	2.33E-07 1.5YrCanc€						0.00E+00					0.00E+00	
3	399 ALL	480512.1	3666265	2.35E-07 1.5YrCanc€	2.35E-07	0.00E+00										

400 ALL	480532.1	3666265	2.38E-07 1.5YrCanc€	2.38E-07	0.00E+00										
401 ALL	480552.1	3666265	2.38E-07 1.5YrCance	2.38E-07	0.00E+00										
402 ALL	480572.1	3666265	2.40E-07 1.5YrCancε	2.40E-07	0.00E+00										
403 ALL	480592.1	3666265	2.43E-07 1.5YrCanc€	2.43E-07	0.00E+00										
404 ALL	480612.1	3666265	2.45E-07 1.5YrCanc€	2.45E-07	0.00E+00										
405 ALL	480632.1	3666265	2.48E-07 1.5YrCance	2.48E-07	0.00E+00										
406 ALL	480652.1	3666265	2.52E-07 1.5YrCanc€	2.52E-07	0.00E+00	0.00E+00	0.00E+00		0.00E+00						
407 ALL	480672.1	3666265	2.54E-07 1.5YrCanc€	2.54E-07			0.00E+00								
408 ALL	480692.1	3666265	2.57E-07 1.5YrCanc€	2.57E-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
409 ALL	480712.1	3666265	2.61E-07 1.5YrCancε		0.00E+00										
410 ALL	480732.1	3666265	2.64E-07 1.5YrCanc€	2.64E-07	0.00E+00										
411 ALL	480752.1	3666265	2.67E-07 1.5YrCance		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	480792.1	3666265	2.74E-07 1.5YrCance		0.00E+00	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	480812.1	3666265	2.77E-07 1.5YrCance		0.00E+00		0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00			0.00E+00
414 ALL	480832.1	3666265	2.80E-07 1.5YrCance		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	480852.1	3666265	2.82E-07 1.5YrCance		0.00E+00		0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00		
416 ALL	480872.1	3666265	2.84E-07 1.5YrCance		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	480892.1	3666265	2.87E-07 1.5YrCance		0.00E+00	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	480912.1	3666265	2.90E-07 1.5YrCance		0.00E+00	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	480932.1	3666265	2.94E-07 1.5YrCance		0.00E+00	0.00E+00	0.00E+00		0.00E+00						
420 ALL	480952.1	3666265	2.98E-07 1.5YrCance		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	480972.1	3666265	3.01E-07 1.5YrCance		0.00E+00	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	480992.1	3666265	3.05E-07 1.5YrCance		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	481012.1	3666265	3.09E-07 1.5YrCance		0.00E+00	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	481032.1	3666265	3.14E-07 1.5YrCance		0.00E+00	0.00E+00	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	481052.1	3666265	3.19E-07 1.5YrCance		0.00E+00			0.00E+00							
426 ALL	481072.1	3666265	3.26E-07 1.5YrCance		0.00E+00	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	481092.1	3666265	3.31E-07 1.5YrCance		0.00E+00	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	481112.1	3666265	3.37E-07 1.5YrCance		0.00E+00	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	481132.1	3666265	3.44E-07 1.5YrCance		0.00E+00	0.00E+00 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	480212.1	3666285	2.12E-07 1.5YrCance		0.00E+00 0.00E+00	0.00E+00 0.00E+00	0.00E+00 0.00E+00	0.00E+00 0.00E+00	0.00E+00 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 432 ALL	480232.1 480252.1	3666285 3666285	2.16E-07 1.5YrCance 2.17E-07 1.5YrCance		0.00E+00 0.00E+00	0.00E+00 0.00E+00	0.00E+00	0.00E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00 0.00E+00	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 433 ALL	480272.1	3666285	2.16E-07 1.5YrCance					0.00E+00					0.00E+00		0.00E+00 0.00E+00
433 ALL 434 ALL	480272.1	066600=	2.17E-07 1.5YrCance												
434 ALL 435 ALL	480232.1	3666285 3666285	2.17E-07 1.5YrCance												
435 ALL 436 ALL	480332.1	3666285	2.21E-07 1.5YrCance												
430 ALL 437 ALL	480352.1	3666285	2.25E-07 1.5YrCance												
438 ALL	480372.1	3666285	2.30E-07 1.5YrCance												
439 ALL	480392.1	3666285	2.36E-07 1.5YrCance												
440 ALL	480412.1	3666285	2.36E-07 1.5YrCance												
441 ALL	480432.1	3666285	2.33E-07 1.5YrCance										0.00E+00		
442 ALL	480452.1	3666285	2.32E-07 1.5YrCance										0.00E+00		
443 ALL	480472.1	3666285	2.45E-07 1.5YrCance										0.00E+00		
444 ALL	480492.1	3666285	2.48E-07 1.5YrCance					0.00E+00					0.00E+00		
445 ALL	480512.1	3666285	2.49E-07 1.5YrCance					0.00E+00					0.00E+00		
446 ALL	480532.1	3666285	2.53E-07 1.5YrCance					0.00E+00					0.00E+00		
447 ALL	480552.1	3666285	2.53E-07 1.5YrCancε										0.00E+00		
448 ALL	480572.1	3666285	2.51E-07 1.5YrCance					0.00E+00					0.00E+00		
449 ALL	480592.1		2.53E-07 1.5YrCance												
TTJ ALL	700332.1	3000203	2.332 07 1.311 Callet	2.552 07	3.00L 100	3.00L 100	3.00L · 00	3.00L 100	J.00L 100	J.00L 100	J.00L 100	3.00L 100	3.00L 100	3.002.00	5.002.00

4	50 ALL	480612.1	3666285	2.57E-07 1.5YrCance	2.57E-07	0.00E+00										
4	51 ALL	480632.1	3666285	2.57E-07 1.5YrCance	2.57E-07	0.00E+00										
4	52 ALL	480652.1	3666285	2.62E-07 1.5YrCanc€			0.00E+00	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	53 ALL	480672.1	3666285	2.65E-07 1.5YrCanc€		0.00E+00										
4	54 ALL	480692.1	3666285	2.68E-07 1.5YrCanc€	2.68E-07	0.00E+00										
4	55 ALL	480712.1	3666285	2.72E-07 1.5YrCanc€	2.72E-07	0.00E+00										
4	56 ALL	480732.1	3666285	2.75E-07 1.5YrCanc€				0.00E+00		0.00E+00						
4	57 ALL	480752.1	3666285	2.78E-07 1.5YrCanc€			0.00E+00									
4	58 ALL	480772.1	3666285	2.83E-07 1.5YrCanc€	2.83E-07	0.00E+00										
4	59 ALL	480792.1	3666285	2.88E-07 1.5YrCanc€				0.00E+00								
4	60 ALL	480812.1	3666285	2.91E-07 1.5YrCanc€	2.91E-07	0.00E+00										
4	61 ALL	480832.1	3666285	2.95E-07 1.5YrCanc€	2.95E-07	0.00E+00			0.00E+00							
4		480852.1	3666285	2.98E-07 1.5YrCanc€				0.00E+00	0.00E+00		0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00
4	63 ALL	480872.1	3666285	3.01E-07 1.5YrCanc€		0.00E+00	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	480892.1	3666285	3.05E-07 1.5YrCanc€		0.00E+00		0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00			0.00E+00
4	65 ALL	480912.1	3666285	3.10E-07 1.5YrCanc€	3.10E-07				0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	66 ALL	480932.1	3666285	3.13E-07 1.5YrCanc€	3.13E-07	0.00E+00										
		480952.1	3666285	3.17E-07 1.5YrCanc€		0.00E+00	0.00E+00	0.00E+00		0.00E+00						
4	68 ALL	480972.1	3666285	3.21E-07 1.5YrCanc€	3.21E-07	0.00E+00										
4	69 ALL	480992.1	3666285	3.25E-07 1.5YrCanc€		0.00E+00	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	70 ALL	481012.1	3666285	3.29E-07 1.5YrCanc€	3.29E-07			0.00E+00		0.00E+00						
	71 ALL	481032.1	3666285	3.35E-07 1.5YrCanc€	3.35E-07	0.00E+00		0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00			0.00E+00
4	72 ALL	481052.1	3666285	3.41E-07 1.5YrCanc€	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
4	73 ALL	481072.1	3666285	3.47E-07 1.5YrCanc€	3.47E-07	0.00E+00		0.00E+00								
4	74 ALL	481092.1	3666285	3.54E-07 1.5YrCanc€			0.00E+00									
		481112.1	3666285	3.60E-07 1.5YrCanc€				0.00E+00		0.00E+00						
4	76 ALL	481132.1	3666285	3.66E-07 1.5YrCanc€	3.66E-07	0.00E+00										
4		481152.1	3666285	3.74E-07 1.5YrCanc€		0.00E+00										
4	78 ALL	480212.1	3666305	2.11E-07 1.5YrCanc€		0.00E+00		0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00			0.00E+00
4	79 ALL	480232.1	3666305	2.17E-07 1.5YrCanc€				0.00E+00	0.00E+00		0.00E+00	0.00E+00		0.00E+00		0.00E+00
		480252.1	3666305	2.20E-07 1.5YrCanc€		0.00E+00										
		480272.1	3666305	2.22E-07 1.5YrCanc€		0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00			0.00E+00
		480292.1	3666305	2.24E-07 1.5YrCanc€	_	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	480312.1	3666305	2.25E-07 1.5YrCance					0.00E+00					0.00E+00		0.00E+00
	84 ALL	480332.1	3666305	2.29E-07 1.5YrCance										0.00E+00		
	85 ALL	480352.1	3666305	2.37E-07 1.5YrCanc€												
		480372.1	3666305	2.40E-07 1.5YrCance												
		480392.1	3666305	2.51E-07 1.5YrCanc€												
	88 ALL	480412.1	3666305	2.55E-07 1.5YrCance												
		480432.1	3666305	2.53E-07 1.5YrCance												
		480452.1	3666305	2.51E-07 1.5YrCanc€										0.00E+00		
		480472.1	3666305	2.63E-07 1.5YrCanc€										0.00E+00		
	92 ALL	480492.1	3666305	2.67E-07 1.5YrCanc€										0.00E+00		
	93 ALL	480512.1	3666305	2.66E-07 1.5YrCance					0.00E+00					0.00E+00		
	94 ALL	480532.1	3666305	2.66E-07 1.5YrCance					0.00E+00					0.00E+00		
		480552.1	3666305	2.70E-07 1.5YrCance					0.00E+00					0.00E+00		
		480572.1	3666305	2.68E-07 1.5YrCance					0.00E+00					0.00E+00		
		480592.1	3666305	2.69E-07 1.5YrCanc€										0.00E+00		
	98 ALL	480612.1	3666305	2.72E-07 1.5YrCance					0.00E+00					0.00E+00		
49	99 ALL	480632.1	3666305	2.71E-07 1.5YrCanc€	2.71E-07	0.00E+00										

	00 ALL	480652.1	3666305	2.73E-07 1.5YrCanc€	2.73E-07	0.00E+00	0.00E+00	0.00E+00		0.00E+00						
	01 ALL	480672.1	3666305	2.76E-07 1.5YrCance		0.00E+00	0.00E+00		0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	02 ALL	480692.1	3666305	2.80E-07 1.5YrCance			0.00E+00			0.00E+00		0.00E+00	0.00E+00			0.00E+00
	03 ALL	480712.1	3666305	2.82E-07 1.5YrCanc€		0.00E+00	0.00E+00	0.00E+00	0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
		480732.1	3666305	2.85E-07 1.5YrCanc€		0.00E+00										
		480752.1	3666305	2.89E-07 1.5YrCanc€		0.00E+00	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	06 ALL	480772.1	3666305	2.94E-07 1.5YrCanc€	2.94E-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
50	07 ALL	480792.1	3666305	3.00E-07 1.5YrCanc€					0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	08 ALL	480812.1	3666305	3.03E-07 1.5YrCance	3.03E-07	0.00E+00				0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
		480832.1	3666305	3.08E-07 1.5YrCance		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
		480852.1	3666305	3.12E-07 1.5YrCance		0.00E+00			0.00E+00							
		480872.1	3666305	3.16E-07 1.5YrCance		0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
		480892.1	3666305	3.22E-07 1.5YrCanc€		0.00E+00										
		480912.1	3666305	3.27E-07 1.5YrCanc€					0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
		480932.1	3666305	3.32E-07 1.5YrCanc€		0.00E+00	0.00E+00	0.00E+00	0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
		480952.1	3666305	3.37E-07 1.5YrCanc€					0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00		0.00E+00
51		480972.1	3666305	3.41E-07 1.5YrCance		0.00E+00			0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
		480992.1	3666305	3.46E-07 1.5YrCanc€		0.00E+00										
		481012.1	3666305	3.51E-07 1.5YrCanc€		0.00E+00										
		481032.1	3666305	3.57E-07 1.5YrCanc€		0.00E+00										
	20 ALL	481052.1	3666305	3.64E-07 1.5YrCanc€		0.00E+00	0.00E+00	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	481072.1	3666305	3.71E-07 1.5YrCance		0.00E+00	0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
		481092.1	3666305	3.78E-07 1.5YrCanc€	3.78E-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
52	23 ALL	481112.1	3666305	3.86E-07 1.5YrCanc€	3.86E-07	0.00E+00										
		481132.1	3666305	3.93E-07 1.5YrCance		0.00E+00		0.00E+00								
		481152.1	3666305	4.00E-07 1.5YrCanc€		0.00E+00										
52		480212.1	3666325	2.06E-07 1.5YrCanc€		0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
		480232.1	3666325	2.15E-07 1.5YrCanc€		0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
		480252.1	3666325	2.20E-07 1.5YrCanc€		0.00E+00										
52		480272.1	3666325	2.23E-07 1.5YrCanc€				0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
		480292.1	3666325	2.27E-07 1.5YrCanc€	_	0.00E+00										
		480312.1	3666325	2.28E-07 1.5YrCanc€		0.00E+00										
53	32 ALL	480332.1	3666325	2.34E-07 1.5YrCanc€		0.00E+00										
	33 ALL	480352.1	3666325	2.43E-07 1.5YrCanc€						0.00E+00						0.00E+00
	34 ALL	480372.1	3666325	2.46E-07 1.5YrCance												0.00E+00
	35 ALL	480392.1	3666325	2.61E-07 1.5YrCanc€												
		480412.1	3666325	2.68E-07 1.5YrCanc€												
		480432.1	3666325	2.69E-07 1.5YrCanc€												
	38 ALL	480452.1	3666325	2.69E-07 1.5YrCanc€												
	39 ALL	480472.1	3666325	2.80E-07 1.5YrCanc€												
		480492.1	3666325	2.86E-07 1.5YrCanc€												
		480512.1	3666325	2.87E-07 1.5YrCanc€												
54	12 ALL	480532.1	3666325	2.84E-07 1.5YrCanc€									0.00E+00	0.00E+00	0.00E+00	0.00E+00
	13 ALL	480552.1	3666325	2.91E-07 1.5YrCanc€										0.00E+00	0.00E+00	0.00E+00
	14 ALL	480572.1	3666325	2.90E-07 1.5YrCanc€											0.00E+00	
		480592.1	3666325	2.90E-07 1.5YrCanc€										0.00E+00		
		480612.1	3666325	2.91E-07 1.5YrCanc€						0.00E+00				0.00E+00		
		480632.1	3666325	2.91E-07 1.5YrCanc€												
	18 ALL	480652.1	3666325	2.89E-07 1.5YrCanc€			0.00E+00			0.00E+00					0.00E+00	
54	19 ALL	480672.1	3666325	2.91E-07 1.5YrCanc€	2.91E-07	0.00E+00										

550 ALL	480692.1	3666325	2.94E-07 1.5YrCanc€	2.94E-07	0.00E+00										
551 ALL	480712.1	3666325	2.96E-07 1.5YrCanc€	2.96E-07	0.00E+00										
552 ALL	480732.1	3666325	2.98E-07 1.5YrCanc€	2.98E-07	0.00E+00										
553 ALL	480752.1	3666325	3.01E-07 1.5YrCance	3.01E-07	0.00E+00										
554 ALL	480772.1	3666325	3.06E-07 1.5YrCance	3.06E-07	0.00E+00										
555 ALL	480792.1	3666325	3.13E-07 1.5YrCanc€	3.13E-07	0.00E+00										
556 ALL	480812.1	3666325	3.16E-07 1.5YrCanc€	3.16E-07	0.00E+00										
557 ALL	480832.1	3666325	3.22E-07 1.5YrCanc€	3.22E-07	0.00E+00										
558 ALL	480852.1	3666325	3.27E-07 1.5YrCanc€	3.27E-07	0.00E+00										
559 ALL	480872.1	3666325	3.32E-07 1.5YrCanc€	3.32E-07	0.00E+00										
560 ALL	480892.1	3666325	3.37E-07 1.5YrCanc€	3.37E-07	0.00E+00										
561 ALL	480912.1	3666325	3.44E-07 1.5YrCance	3.44E-07	0.00E+00										
562 ALL	480932.1	3666325	3.50E-07 1.5YrCanc€	3.50E-07	0.00E+00										
563 ALL	480952.1	3666325	3.56E-07 1.5YrCance	3.56E-07	0.00E+00										
564 ALL	480972.1	3666325	3.61E-07 1.5YrCanc€	3.61E-07	0.00E+00										
565 ALL	480992.1	3666325	3.68E-07 1.5YrCance	3.68E-07	0.00E+00										
566 ALL	481012.1	3666325	3.73E-07 1.5YrCanc€	3.73E-07	0.00E+00										
567 ALL	481032.1	3666325	3.80E-07 1.5YrCanc€	3.80E-07	0.00E+00										
568 ALL	481052.1	3666325	3.88E-07 1.5YrCanc€	3.88E-07	0.00E+00										
569 ALL	481072.1	3666325	3.96E-07 1.5YrCanc€										0.00E+00	0.00E+00	0.00E+00
570 ALL	481092.1	3666325	4.05E-07 1.5YrCanc€											0.00E+00	
571 ALL	481112.1	3666325	4.14E-07 1.5YrCanc€	_										0.00E+00	
572 ALL	481132.1	3666325	4.22E-07 1.5YrCanc€						0.00E+00					0.00E+00	
573 ALL	481152.1	3666325	4.30E-07 1.5YrCanc€						0.00E+00					0.00E+00	
574 ALL	481172.1	3666325	4.38E-07 1.5YrCanc€											0.00E+00	
575 ALL	480212.1	3666345	1.96E-07 1.5YrCanc€						0.00E+00					0.00E+00	
576 ALL	480232.1	3666345	2.08E-07 1.5YrCance											0.00E+00	
577 ALL	480252.1	3666345	2.16E-07 1.5YrCance												
578 ALL	480272.1	3666345	2.19E-07 1.5YrCance						0.00E+00					0.00E+00	
579 ALL	480292.1	3666345	2.27E-07 1.5YrCance											0.00E+00	
580 ALL	480312.1	3666345	2.32E-07 1.5YrCance											0.00E+00	
581 ALL	480332.1	3666345	2.34E-07 1.5YrCance											0.00E+00	
582 ALL	480352.1	3666345	2.37E-07 1.5YrCance											0.00E+00	
583 ALL	480372.1	3666345	2.52E-07 1.5YrCance												
584 ALL	480392.1		2.59E-07 1.5YrCance 2.65E-07 1.5YrCance												
585 ALL 586 ALL	480412.1 480432.1	3666345 3666345	2.73E-07 1.5YrCance												
587 ALL	480452.1	3666345	2.80E-07 1.5YrCance												
588 ALL	480472.1	3666345	2.93E-07 1.5YrCance												
589 ALL	480492.1	3666345	3.03E-07 1.5YrCance												
590 ALL	480512.1	3666345	3.09E-07 1.5YrCance												
591 ALL	480532.1	3666345	3.14E-07 1.5YrCance												
592 ALL	480552.1	3666345	3.17E-07 1.5YrCance												
593 ALL	480572.1	3666345	3.15E-07 1.5YrCance												
594 ALL	480592.1	3666345	3.14E-07 1.5YrCance												
595 ALL	480612.1	3666345	3.14E-07 1.5YrCance												
596 ALL	480632.1	3666345	3.16E-07 1.5YrCance												
597 ALL	480652.1	3666345	3.15E-07 1.5YrCance												
598 ALL	480672.1	3666345	3.13E-07 1.5YrCance												
599 ALL	480692.1		3.13E-07 1.5YrCance												

60	00 ALL	480712.1	3666345	3.16E-07 1.5YrCance	3.16E-07	0.00E+00										
60	01 ALL	480732.1	3666345	3.19E-07 1.5YrCance	3.19E-07	0.00E+00										
60	O2 ALL	480752.1	3666345	3.20E-07 1.5YrCance	3.20E-07	0.00E+00										
60	O3 ALL	480772.1	3666345	3.23E-07 1.5YrCance	3.23E-07	0.00E+00										
60	04 ALL	480792.1	3666345	3.28E-07 1.5YrCance	3.28E-07	0.00E+00										
60	05 ALL	480812.1	3666345	3.33E-07 1.5YrCance	3.33E-07	0.00E+00										
60	06 ALL	480832.1	3666345	3.37E-07 1.5YrCance	3.37E-07	0.00E+00										
60	07 ALL	480852.1	3666345	3.42E-07 1.5YrCance	3.42E-07	0.00E+00										
60	08 ALL	480872.1	3666345	3.47E-07 1.5YrCanc€	3.47E-07	0.00E+00										
60	09 ALL	480892.1	3666345	3.53E-07 1.5YrCance	3.53E-07	0.00E+00										
63	10 ALL	480912.1	3666345	3.60E-07 1.5YrCance	3.60E-07	0.00E+00										
62	11 ALL	480932.1	3666345	3.67E-07 1.5YrCanc€	3.67E-07	0.00E+00										
62	12 ALL	480952.1	3666345	3.74E-07 1.5YrCanc€	3.74E-07	0.00E+00										
62	13 ALL	480972.1	3666345	3.81E-07 1.5YrCanc€	3.81E-07	0.00E+00										
63	14 ALL	480992.1	3666345	3.88E-07 1.5YrCance	3.88E-07	0.00E+00										
62	15 ALL	481012.1	3666345	3.96E-07 1.5YrCanc€	3.96E-07	0.00E+00										
62	16 ALL	481032.1	3666345	4.04E-07 1.5YrCanc€	4.04E-07	0.00E+00										
63	17 ALL	481052.1	3666345	4.12E-07 1.5ΥrCancε	4.12E-07	0.00E+00										
63	18 ALL	481072.1	3666345	4.21E-07 1.5ΥrCancε	4.21E-07	0.00E+00										
63	19 ALL	481092.1	3666345	4.32E-07 1.5YrCanc€	4.32E-07	0.00E+00										
62	20 ALL	481112.1	3666345	4.43E-07 1.5ΥrCancε	4.43E-07	0.00E+00										
62	21 ALL	481132.1	3666345	4.53E-07 1.5ΥrCancε	4.53E-07	0.00E+00										
62	22 ALL	481152.1	3666345	4.63E-07 1.5ΥrCance	4.63E-07	0.00E+00										
62	23 ALL	481172.1	3666345	4.72E-07 1.5ΥrCancε	4.72E-07	0.00E+00										
62	24 ALL	480232.1	3666365	1.99E-07 1.5YrCanc€	1.99E-07	0.00E+00										
62	25 ALL	480252.1	3666365	2.09E-07 1.5ΥrCancε	2.09E-07	0.00E+00										
62	26 ALL	480272.1	3666365	2.15E-07 1.5YrCanc€	2.15E-07	0.00E+00										
62	27 ALL	480292.1	3666365	2.21E-07 1.5YrCance	2.21E-07	0.00E+00										
62	28 ALL	480312.1	3666365	2.29E-07 1.5YrCanc€	2.29E-07	0.00E+00										
62	29 ALL	480332.1	3666365	2.34E-07 1.5YrCanc€	2.34E-07	0.00E+00										
63	30 ALL	480352.1	3666365	2.37E-07 1.5YrCanc€	2.37E-07	0.00E+00										
63	31 ALL	480372.1	3666365	2.46E-07 1.5YrCanc€	2.46E-07	0.00E+00										
63	32 ALL	480392.1	3666365	2.50E-07 1.5YrCanc€	2.50E-07	0.00E+00										
63	33 ALL	480412.1	3666365	2.54E-07 1.5YrCanc€	2.54E-07	0.00E+00										
63	34 ALL	480432.1	3666365	2.65E-07 1.5YrCanc€	2.65E-07	0.00E+00										
63	35 ALL	480452.1	3666365	2.90E-07 1.5YrCanc€	2.90E-07	0.00E+00										
63	36 ALL	480472.1	3666365	3.06E-07 1.5YrCanc€	3.06E-07	0.00E+00										
63	37 ALL	480492.1	3666365	3.18E-07 1.5YrCanc€	3.18E-07	0.00E+00										
63	38 ALL	480512.1	3666365	3.29E-07 1.5YrCanc€	3.29E-07	0.00E+00										
63	39 ALL	480532.1	3666365	3.37E-07 1.5YrCanc€	3.37E-07	0.00E+00										
64	40 ALL	480552.1	3666365	3.39E-07 1.5YrCanc€	3.39E-07	0.00E+00										
64	41 ALL	480572.1	3666365	3.40E-07 1.5YrCanc€	3.40E-07	0.00E+00										
64	42 ALL	480592.1	3666365	3.41E-07 1.5YrCanc€	3.41E-07	0.00E+00										
64	43 ALL	480612.1	3666365	3.43E-07 1.5YrCance	3.43E-07	0.00E+00										
64	44 ALL	480632.1	3666365	3.44E-07 1.5YrCance	3.44E-07	0.00E+00										
64	45 ALL	480652.1	3666365	3.44E-07 1.5YrCance	3.44E-07	0.00E+00										
64	46 ALL	480672.1	3666365	3.43E-07 1.5YrCance	3.43E-07	0.00E+00										
64	47 ALL	480692.1	3666365	3.43E-07 1.5YrCance	3.43E-07	0.00E+00										
64	48 ALL	480712.1	3666365	3.46E-07 1.5YrCance	3.46E-07	0.00E+00										
64	49 ALL	480732.1	3666365	3.47E-07 1.5YrCance	3.47E-07	0.00E+00										

659 ALL   4807521   366568   34567   15VCanu   34567   000-00																
632 AL	650 ALL	480752.1	3666365	3.45E-07 1.5YrCance	3.45E-07	0.00E+00										
G54 ALL   4808121   366565   35670   15767cmc   5.5670   0.0000-00   0.0000-	651 ALL	480772.1	3666365	3.46E-07 1.5YrCance	3.46E-07	0.00E+00										
655 ALI	652 ALL	480792.1	3666365	3.51E-07 1.5YrCanc€	3.51E-07	0.00E+00										
655 ALL 480871. 1865665 3.1E-OT_157**CANC 15.0E-OT_0000-0000-0000-0000-0000-0000-0000-0	653 ALL	480812.1	3666365	3.54E-07 1.5YrCance	3.54E-07	0.00E+00										
659 ALL	654 ALL	480832.1	3666365	3.56E-07 1.5YrCance	3.56E-07	0.00E+00										
657 ALL   4808121   3666355   3716-071 SYNCANE   3716-10   0.0004-00   0.000	655 ALL	480852.1	3666365	3.61E-07 1.5YrCanc€	3.61E-07	0.00E+00										
659 ALI 48091.1   48091.2   366536   3.776.01   1.9YCanc 3.7876   0.006-00   0.006-00   0.0006-00   0.	656 ALL	480872.1	3666365	3.67E-07 1.5YrCance	3.67E-07	0.00E+00										
F65 ALL   480927.1   3666385   334E 07 1 5YCane   334E 07 0 000-00   0000-	657 ALL	480892.1	3666365	3.71E-07 1.5YrCanc€	3.71E-07	0.00E+00										
663 AL   48099.1   36668.5   3927.0   1.5YCanc   3.927.0   0.007-00   0.007	658 ALL	480912.1	3666365	3.77E-07 1.5YrCanc€	3.77E-07	0.00E+00										
662 ALI	659 ALL	480932.1	3666365	3.84E-07 1.5YrCanc€	3.84E-07	0.00E+00										
F65 ALL   480902.1   366365   4.7567   1.5776.cm   4.7767   0.006+00   0.00	660 ALL	480952.1	3666365	3.92E-07 1.5YrCanc€	3.92E-07	0.00E+00										
663 ALL 48102.1 366363 4.7E-07 I.SYC-ance 4.7E-07 0.0000-0 0.00000-0 0.0000-0 0.0000-0 0.0000-0 0.0000-0 0.0000-0 0.0000-0 0.00000-0 0.0000-0 0.00000-0 0.0000-0 0.000000-0 0.000000-0 0.000000-0 0.000000-0 0.00000-0 0.00000-0 0.00000-0 0.00000-0 0.00000	661 ALL	480972.1	3666365	4.01E-07 1.5YrCance	4.01E-07	0.00E+00										
665 ALL 481032.1 366363 4.27E-07 LSYCANCE 4.37E-07 C.000E-00 0.00E-00 0.00E	662 ALL	480992.1	3666365	4.09E-07 1.5YrCance	4.09E-07	0.00E+00										
665 ALL   481072.1   3666365   437E-07 1 SYYCance   437E-07   0.00E-00   0.	663 ALL	481012.1	3666365	4.17E-07 1.5ΥrCancε	4.17E-07	0.00E+00										
666 ALL   4810721   366635   47F-07 15YrCanc   47F-07   0.006+00	664 ALL	481032.1	3666365	4.27E-07 1.5YrCance	4.27E-07	0.00E+00										
667 ALL   481192.1 366635   4.754°C7 I.5V°Cance   4.754°C7   0.006+00   0.0	665 ALL	481052.1	3666365	4.37E-07 1.5YrCance	4.37E-07	0.00E+00										
668 ALL   4811121   3666365   4.72F-07 1.5VYCance   4.72F-07 0.00F-00   0.0	666 ALL	481072.1	3666365	4.47E-07 1.5YrCanc€	4.47E-07	0.00E+00										
659 ALL   481132.1   3666365   484E-07   15YCance   4.97E-07   0.00E+00   0	667 ALL	481092.1	3666365	4.59E-07 1.5YrCanc€	4.59E-07	0.00E+00										
670 ALL 481152.1 366385 5.09E-07 1.5YrCance 2.01E-07 0.00E+00 0.00	668 ALL	481112.1	3666365	4.72E-07 1.5YrCanc€	4.72E-07	0.00E+00										
671 ALI   481172.1 366385   5.08E-07 1.5YrCance   5.08E-07   0.00E-00   0.00E+00   0.0	669 ALL	481132.1	3666365	4.84E-07 1.5YrCanc€	4.84E-07	0.00E+00										
672 ALL 480252.1 3666385 2.01E-07 1.5YrCance 2.01E-07 0.00E+00 0.0	670 ALL	481152.1	3666365													
673 ALL 48072.1 3666385 2.95e-07 1.5YrCance 2.13E-07 0.00E+00 0.00			3666365													
674 ALL 48029.1 3666385 2.13E-07 1.5YYCance 2.13E-07 0.00E+00 0.00		480252.1	3666385											0.00E+00	0.00E+00	0.00E+00
675 ALL 480312.1 3666385 2.21E-07 1.5YrCance 2.21E-07 0.00E+00 0.0			3666385													
676 ALL 480332.1 3666385 2.29E-07 1.5YrCance 2.39E-07 0.00E+00 0.0			3666385	2.13E-07 1.5YrCance										0.00E+00	0.00E+00	0.00E+00
677 ALL 480352.1 3666385 2.34E-07 1.5YC-ance 2.37E-07 0.00E+00 0.0			3666385											0.00E+00	0.00E+00	0.00E+00
678 ALL 480372.1 3666385 2.47E-07 1.57YCance 2.47E-07 0.00E+00 0.0																
679 ALL 480392.1 3666385 2.41E-07 1.5YrCance 2.41E-07 0.00E+00 0.0																
680 ALL 480412.1 3666385 2.44E-07 1.5YrCance 2.44E-07 0.00E+00 0.0																
681 ALL 480432.1 3666385 2.56E-07 1.5YrCance 2.96E-07 0.00E+00 0.0																
682 ALL 480452.1 3666385																
683 ALL 480472.1 3666385 3.10E-07 1.5YrCance 3.10E-07 0.00E+00 0.0																
684 ALL 480492.1 3666385 3.27E-07 1.5YrCance 3.27E-07 0.00E+00 0.0																
685 ALL 480512.1 3666385 3.42E-07 1.5YrCance 3.42E-07 0.00E+00 0.0																
686 ALL 480532.1 3666385 3.52E-07 1.5YrCance 3.52E-07 0.00E+00 0.0																
687 ALL 480552.1 3666385 3.56E-07 1.5YrCance 688 ALL 480572.1 3666385 3.60E-07 1.5YrCance 689 ALL 480572.1 3666385 3.60E-07 1.5YrCance 689 ALL 480592.1 3666385 3.7E-07 1.5YrCance 689 ALL 480592.1 3666385 3.7E-07 1.5YrCance 689 ALL 480632.1 3666385 3.7E-07 1.5YrCance 689 ALL 480732.1 3666385 3.7T-07 1.5YrCance 689 ALL 480732.1 36																
688 ALL 480572.1 3666385 3.60E-07 1.5YrCance 3.60E-07 0.00E+00 0.0																
689 ALL 480592.1 3666385 3.66E-07 1.5YrCance 3.66E-07 0.00E+00 0.0																
690 ALL 480612.1 3666385 3.71E-07 1.5YrCance 3.71E-07 0.00E+00 0.0																
691 ALL 480632.1 3666385 3.73E-07 1.5YrCance 3.73E-07 0.00E+00 0.0																
692 ALL 480652.1 3666385 3.75E-07 1.5YrCance 3.75E-07 0.00E+00 0.0					_											
693 ALL 480672.1 3666385 3.76E-07 1.5YrCance 3.76E-07 0.00E+00 0.0																
694 ALL 480692.1 3666385 3.78E-07 1.5YrCance 3.78E-07 0.00E+00 0.0																
695 ALL 480712.1 3666385 3.81E-07 1.5YrCance 3.81E-07 0.00E+00 0.0																
696 ALL 480732.1 3666385 3.81E-07 1.5YrCance 3.81E-07 0.00E+00 0.0																
697 ALL 480752.1 3666385 3.77E-07 1.5YrCance 3.77E-07 0.00E+00 0.0																
698 ALL 480772.1 3666385 3.77E-07 1.5YrCance 3.77E-07 0.00E+00 0.0																
035 ALL 400/32.1 3000303 3.01L-0/ 1.511-08HCC 3.01L-0/ 0.00L+00 0.																
	OJJ ALL	700/32.1	2000303	J.OIL-O/ I.JIICAIICE	J.U1L-U/	0.00L700	0.00L700	0.00L*00	0.00L700	0.00L*00	0.00L*00	0.00L700	J.UUL+UU	0.00L*00	J.UUL+UU	J.UULTUU

700 ALL	480812.1	3666385	3.82E-07 1.5YrCance	3.82E-07	0.00E+00										
701 ALL	480832.1	3666385	3.82E-07 1.5YrCance	3.82E-07	0.00E+00										
702 ALL	480852.1	3666385	3.86E-07 1.5YrCanc€	3.86E-07	0.00E+00										
703 ALL	480872.1	3666385	3.91E-07 1.5YrCance	3.91E-07	0.00E+00										
704 ALL	480892.1	3666385	3.94E-07 1.5YrCance	3.94E-07	0.00E+00										
705 ALL	480912.1	3666385	3.98E-07 1.5YrCance	3.98E-07	0.00E+00										
706 ALL	480932.1	3666385	4.05Ε-07 1.5YrCancε	4.05E-07	0.00E+00										
707 ALL	480952.1	3666385	4.14E-07 1.5ΥrCance	4.14E-07	0.00E+00										
708 ALL	480972.1	3666385	4.22E-07 1.5ΥrCancε	4.22E-07	0.00E+00										
709 ALL	480992.1	3666385	4.30E-07 1.5YrCanc€	4.30E-07	0.00E+00										
710 ALL	481012.1	3666385	4.39E-07 1.5ΥrCancε	4.39E-07	0.00E+00										
711 ALL	481032.1	3666385	4.49E-07 1.5YrCanc€	4.49E-07	0.00E+00										
712 ALL	481052.1	3666385	4.60E-07 1.5YrCanc€	4.60E-07	0.00E+00										
713 ALL	481072.1	3666385	4.72E-07 1.5YrCanc€	4.72E-07	0.00E+00										
714 ALL	481092.1	3666385	4.85E-07 1.5YrCanc€	4.85E-07	0.00E+00										
715 ALL	481112.1	3666385	4.99E-07 1.5YrCanc€	4.99E-07	0.00E+00										
716 ALL	481132.1	3666385	5.15E-07 1.5YrCanc€	5.15E-07	0.00E+00										
717 ALL	480272.1	3666405	2.00E-07 1.5ΥrCancε	2.00E-07	0.00E+00										
718 ALL	480292.1	3666405	2.07E-07 1.5YrCanc€	2.07E-07	0.00E+00										
719 ALL	480312.1	3666405	2.13E-07 1.5ΥrCancε	2.13E-07	0.00E+00										
720 ALL	480332.1	3666405	2.18Ε-07 1.5YrCancε	2.18E-07	0.00E+00										
721 ALL	480352.1	3666405	2.24E-07 1.5YrCance	2.24E-07	0.00E+00										
722 ALL	480372.1	3666405	2.33E-07 1.5YrCance	2.33E-07	0.00E+00										
723 ALL	480392.1	3666405	2.41E-07 1.5YrCanc€	2.41E-07	0.00E+00										
724 ALL	480412.1	3666405	2.48E-07 1.5YrCanc€	2.48E-07	0.00E+00										
725 ALL	480432.1	3666405	2.58E-07 1.5YrCanc€	2.58E-07	0.00E+00										
726 ALL	480452.1	3666405	2.71E-07 1.5YrCanc€	2.71E-07	0.00E+00										
727 ALL	480472.1	3666405	2.94E-07 1.5YrCanc€	2.94E-07	0.00E+00										
728 ALL	480492.1	3666405	3.23E-07 1.5YrCance	3.23E-07	0.00E+00										
729 ALL	480512.1	3666405	3.46E-07 1.5YrCance	3.46E-07	0.00E+00										
730 ALL	480532.1	3666405	3.59E-07 1.5YrCance	3.59E-07	0.00E+00										
731 ALL	480552.1	3666405	3.67E-07 1.5YrCance	3.67E-07	0.00E+00										
732 ALL	480572.1	3666405	3.76E-07 1.5YrCanc€	3.76E-07	0.00E+00										
733 ALL	480592.1	3666405	3.84E-07 1.5YrCance												0.00E+00
734 ALL	480612.1	3666405	3.91E-07 1.5YrCance	3.91E-07	0.00E+00										
735 ALL	480632.1	3666405	4.01E-07 1.5YrCance	4.01E-07	0.00E+00										
736 ALL	480652.1	3666405	4.04E-07 1.5YrCance	4.04E-07	0.00E+00										
737 ALL	480672.1	3666405	4.09E-07 1.5ΥrCancε	4.09E-07	0.00E+00										
738 ALL	480692.1	3666405	4.13E-07 1.5YrCance	4.13E-07	0.00E+00										
739 ALL	480712.1	3666405	4.14E-07 1.5YrCance	4.14E-07	0.00E+00										
740 ALL	480732.1	3666405	4.14E-07 1.5YrCanc€	4.14E-07	0.00E+00										
741 ALL	480752.1	3666405	4.15E-07 1.5YrCance	4.15E-07	0.00E+00										
742 ALL	480772.1	3666405	4.15E-07 1.5YrCanc€	4.15E-07	0.00E+00										
743 ALL	480792.1	3666405	4.15E-07 1.5ΥrCancε	4.15E-07	0.00E+00										
744 ALL	480812.1	3666405	4.18E-07 1.5YrCance												
745 ALL	480832.1	3666405	4.18E-07 1.5YrCance	4.18E-07	0.00E+00										
746 ALL	480852.1	3666405	4.18E-07 1.5YrCance	4.18E-07	0.00E+00										
747 ALL	480872.1	3666405	4.19E-07 1.5ΥrCancε						0.00E+00						
748 ALL	480892.1	3666405	4.24E-07 1.5YrCanc€												
749 ALL	480912.1	3666405	4.29E-07 1.5YrCanc€	4.29E-07	0.00E+00										

750 ALL	480932.1	3666405	4.33E-07 1.5YrCance	4.33E-07	0.00E+00										
751 ALL	480952.1	3666405	4.39E-07 1.5ΥrCancε	4.39E-07	0.00E+00										
752 ALL	480972.1	3666405	4.47E-07 1.5ΥrCancε	4.47E-07	0.00E+00										
753 ALL	480992.1	3666405	4.54E-07 1.5YrCanc€	4.54E-07	0.00E+00										
754 ALL	481012.1	3666405	4.63E-07 1.5YrCanc€	4.63E-07	0.00E+00										
755 ALL	481032.1	3666405	4.72E-07 1.5YrCanc€	4.72E-07	0.00E+00										
756 ALL	481052.1	3666405	4.83E-07 1.5YrCanc€	4.83E-07	0.00E+00										
757 ALL	481072.1	3666405	4.96E-07 1.5YrCanc€	4.96E-07	0.00E+00										
758 ALL	481092.1	3666405	5.10E-07 1.5YrCancε	5.10E-07	0.00E+00										
759 ALL	481112.1	3666405	5.26E-07 1.5YrCanc€	5.26E-07	0.00E+00										
760 ALL	481132.1	3666405	5.43E-07 1.5YrCancε	5.43E-07	0.00E+00										
761 ALL	480272.1	3666425	1.91E-07 1.5YrCanc€	1.91E-07	0.00E+00										
762 ALL	480292.1	3666425	1.99E-07 1.5YrCanc€	1.99E-07	0.00E+00										
763 ALL	480312.1	3666425	2.04E-07 1.5YrCanc€	2.04E-07	0.00E+00										
764 ALL	480332.1	3666425	2.09E-07 1.5YrCanc€	2.09E-07	0.00E+00										
765 ALL	480352.1	3666425	2.16E-07 1.5YrCance	2.16E-07	0.00E+00										
766 ALL	480372.1	3666425	2.25E-07 1.5YrCanc€	2.25E-07	0.00E+00										
767 ALL	480392.1	3666425	2.32E-07 1.5YrCanc€	2.32E-07	0.00E+00										
768 ALL	480412.1	3666425	2.43E-07 1.5YrCance	2.43E-07	0.00E+00										
769 ALL	480432.1	3666425	2.57E-07 1.5YrCance	2.57E-07	0.00E+00										
770 ALL	480452.1	3666425	2.72E-07 1.5YrCance	2.72E-07	0.00E+00										
771 ALL	480472.1	3666425	2.95E-07 1.5YrCanc€	2.95E-07	0.00E+00										
772 ALL	480492.1	3666425	3.21E-07 1.5YrCance	3.21E-07	0.00E+00										
773 ALL	480512.1	3666425	3.44E-07 1.5YrCanc€	3.44E-07	0.00E+00										
774 ALL	480532.1	3666425	3.59E-07 1.5YrCance	3.59E-07	0.00E+00										
775 ALL	480552.1	3666425	3.70E-07 1.5YrCance	3.70E-07	0.00E+00										
776 ALL	480572.1	3666425	3.81E-07 1.5YrCanc€	3.81E-07	0.00E+00										
777 ALL	480592.1	3666425	3.93E-07 1.5YrCanc€	3.93E-07	0.00E+00										
778 ALL	480612.1	3666425	4.06E-07 1.5ΥrCance	4.06E-07	0.00E+00										
779 ALL	480632.1	3666425	4.18E-07 1.5ΥrCance	4.18E-07	0.00E+00										
780 ALL	480652.1	3666425	4.26E-07 1.5YrCancε	4.26E-07	0.00E+00										
781 ALL	480672.1	3666425	4.34E-07 1.5ΥrCance	4.34E-07	0.00E+00										
782 ALL	480692.1	3666425	4.40E-07 1.5ΥrCance	4.40E-07	0.00E+00										
783 ALL	480712.1	3666425	4.43E-07 1.5ΥrCance	4.43E-07	0.00E+00										
784 ALL	480732.1	3666425	4.49E-07 1.5ΥrCancε	4.49E-07	0.00E+00										
785 ALL	480752.1	3666425	4.53E-07 1.5YrCanc€	4.53E-07	0.00E+00										
786 ALL	480772.1	3666425	4.55E-07 1.5YrCanc€	4.55E-07	0.00E+00										
787 ALL	480792.1	3666425	4.56E-07 1.5YrCance	4.56E-07	0.00E+00										
788 ALL	480812.1	3666425	4.59E-07 1.5YrCanc€	4.59E-07	0.00E+00										
789 ALL	480832.1	3666425	4.60E-07 1.5YrCanc€	4.60E-07	0.00E+00										
790 ALL	480852.1	3666425	4.59E-07 1.5YrCanc€	4.59E-07	0.00E+00										
791 ALL	480872.1	3666425	4.58E-07 1.5ΥrCancε	4.58E-07	0.00E+00										
792 ALL	480892.1	3666425	4.61E-07 1.5YrCanc€	4.61E-07	0.00E+00										
793 ALL	480912.1	3666425	4.65E-07 1.5YrCanc€	4.65E-07	0.00E+00										
794 ALL	480932.1	3666425	4.67E-07 1.5YrCanc€	4.67E-07	0.00E+00										
795 ALL	480952.1	3666425	4.71E-07 1.5YrCanc€	4.71E-07	0.00E+00										
796 ALL	480972.1	3666425	4.78E-07 1.5YrCanc€											0.00E+00	0.00E+00
797 ALL	480992.1	3666425	4.85E-07 1.5YrCanc€	4.85E-07	0.00E+00										
798 ALL	481012.1	3666425	4.92E-07 1.5YrCanc€												
799 ALL	481032.1	3666425	5.00E-07 1.5YrCanc€	5.00E-07	0.00E+00										

800 ALL	481052.1	3666425	5.10E-07 1.5YrCance	5.10E-07	0.00E+00										
801 ALL	481072.1	3666425	5.23E-07 1.5YrCance	5.23E-07	0.00E+00										
802 ALL	481092.1	3666425	5.36E-07 1.5ΥrCancε	5.36E-07	0.00E+00										
803 ALL	481112.1	3666425	5.52E-07 1.5YrCanc€	5.52E-07	0.00E+00										
804 ALL	481132.1	3666425	5.71E-07 1.5YrCanc€	5.71E-07	0.00E+00										
805 ALL	481152.1	3666425	5.91E-07 1.5YrCanc€	5.91E-07	0.00E+00										
806 ALL	480312.1	3666445	1.96E-07 1.5YrCanc€	1.96E-07	0.00E+00										
807 ALL	480332.1	3666445	2.02E-07 1.5YrCanc€	2.02E-07	0.00E+00										
808 ALL	480352.1	3666445	2.07E-07 1.5YrCanc€	2.07E-07	0.00E+00										
809 ALL	480372.1	3666445	2.14E-07 1.5YrCanc€	2.14E-07	0.00E+00										
810 ALL	480392.1	3666445	2.20E-07 1.5YrCanc€	2.20E-07	0.00E+00										
811 ALL	480412.1	3666445	2.33E-07 1.5YrCanc€	2.33E-07	0.00E+00										
812 ALL	480432.1	3666445	2.52E-07 1.5YrCanc€	2.52E-07	0.00E+00										
813 ALL	480452.1	3666445	2.74E-07 1.5YrCance	2.74E-07	0.00E+00										
814 ALL	480472.1	3666445	2.96E-07 1.5YrCanc€	2.96E-07	0.00E+00										
815 ALL	480492.1	3666445	3.16E-07 1.5YrCance	3.16E-07	0.00E+00										
816 ALL	480512.1	3666445	3.35E-07 1.5YrCance	3.35E-07	0.00E+00										
817 ALL	480532.1	3666445	3.53E-07 1.5YrCanc€	3.53E-07	0.00E+00										
818 ALL	480552.1	3666445	3.68E-07 1.5YrCance	3.68E-07	0.00E+00										
819 ALL	480572.1	3666445	3.79E-07 1.5YrCanc€	3.79E-07	0.00E+00										
820 ALL	480592.1	3666445	3.96E-07 1.5YrCance	3.96E-07	0.00E+00										
821 ALL	480612.1	3666445	4.14E-07 1.5YrCancε	4.14E-07	0.00E+00										
822 ALL	480632.1	3666445	4.25E-07 1.5ΥrCance	4.25E-07	0.00E+00										
823 ALL	480652.1	3666445	4.39E-07 1.5YrCanc€	4.39E-07	0.00E+00										
824 ALL	480672.1	3666445	4.49E-07 1.5YrCance	4.49E-07	0.00E+00										
825 ALL	480692.1	3666445	4.57E-07 1.5ΥrCancε	4.57E-07	0.00E+00										
826 ALL	480712.1	3666445	4.63E-07 1.5YrCance	4.63E-07	0.00E+00										
827 ALL	480732.1	3666445	4.77E-07 1.5YrCance	4.77E-07	0.00E+00										
828 ALL	480752.1	3666445	4.86E-07 1.5YrCanc€	4.86E-07	0.00E+00										
829 ALL	480772.1	3666445	4.91E-07 1.5YrCanc€		0.00E+00										
830 ALL	480792.1	3666445	4.95E-07 1.5YrCanc€	4.95E-07	0.00E+00										
831 ALL	480812.1	3666445	4.99E-07 1.5YrCanc€											0.00E+00	0.00E+00
832 ALL	480832.1	3666445	5.02E-07 1.5YrCanc€				0.00E+00							0.00E+00	
833 ALL	480852.1	3666445	5.04E-07 1.5YrCanc€												
834 ALL	480872.1	3666445	5.04E-07 1.5YrCanc€	5.04E-07	0.00E+00										
835 ALL	480892.1	3666445	5.05E-07 1.5YrCanc€												
836 ALL	480912.1	3666445	5.07E-07 1.5YrCanc€												
837 ALL	480932.1	3666445	5.08E-07 1.5YrCanc€												
838 ALL	480952.1	3666445	5.11E-07 1.5YrCanc€												
839 ALL	480972.1	3666445	5.18E-07 1.5YrCanc€												
840 ALL	480992.1	3666445	5.24E-07 1.5YrCanc€												
841 ALL	481012.1	3666445	5.29E-07 1.5YrCanc€												
842 ALL	481032.1	3666445	5.36E-07 1.5YrCanc€												
843 ALL	481052.1	3666445	5.44E-07 1.5YrCanc€												
844 ALL	481072.1	3666445	5.55E-07 1.5YrCanc€												
845 ALL	481092.1	3666445	5.66E-07 1.5YrCanc€												
846 ALL	480352.1	3666465	1.93E-07 1.5YrCanc€												
847 ALL	480372.1	3666465	2.06E-07 1.5YrCanc€												
848 ALL	480392.1	3666465	2.13E-07 1.5YrCanc€												
849 ALL	480412.1	3666465	2.23E-07 1.5YrCanc€	2.23E-07	0.00E+00										

8	50 ALL	480432.1	3666465	2.38E-07 1.5YrCance	2.38E-07	0.00E+00										
8	51 ALL	480452.1	3666465	2.56E-07 1.5YrCance	2.56E-07	0.00E+00										
8	52 ALL	480472.1	3666465	2.77E-07 1.5YrCanc€	2.77E-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
8	53 ALL	480492.1	3666465	3.03E-07 1.5YrCanc€	3.03E-07	0.00E+00										
8	54 ALL	480512.1	3666465	3.27E-07 1.5YrCance	3.27E-07	0.00E+00										
8	55 ALL	480532.1	3666465	3.42E-07 1.5YrCanc€	3.42E-07	0.00E+00										
8	56 ALL	480552.1	3666465	3.57E-07 1.5YrCanc€	3.57E-07	0.00E+00	0.00E+00	0.00E+00		0.00E+00						
8	57 ALL	480572.1	3666465	3.74E-07 1.5YrCanc€	3.74E-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
8	58 ALL	480592.1	3666465	3.94E-07 1.5YrCanc€	3.94E-07	0.00E+00										
8	59 ALL	480612.1	3666465	4.14E-07 1.5YrCanc€	4.14E-07	0.00E+00										
8	60 ALL	480632.1	3666465	4.20E-07 1.5YrCanc€	4.20E-07	0.00E+00										
		480652.1	3666465	4.40E-07 1.5YrCanc€		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	62 ALL	480672.1	3666465	4.54E-07 1.5YrCanc€	4.54E-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
8	63 ALL	480692.1	3666465	4.66E-07 1.5YrCanc€		0.00E+00	0.00E+00	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	480712.1	3666465	4.77E-07 1.5YrCanc€		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	65 ALL	480732.1	3666465	4.88E-07 1.5YrCanc€	4.88E-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
8	66 ALL	480752.1	3666465	5.07E-07 1.5YrCanc€	5.07E-07	0.00E+00										
		480772.1	3666465	5.19E-07 1.5YrCanc€		0.00E+00	0.00E+00	0.00E+00		0.00E+00						
8	68 ALL	480792.1	3666465	5.24E-07 1.5YrCanc€	5.24E-07	0.00E+00										
8	69 ALL	480812.1	3666465	5.31E-07 1.5YrCanc€		0.00E+00	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	70 ALL	480832.1	3666465	5.39E-07 1.5YrCanc€	5.39E-07		0.00E+00	0.00E+00		0.00E+00						
	71 ALL	480852.1	3666465	5.46E-07 1.5YrCanc€	5.46E-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
		480872.1	3666465	5.50E-07 1.5YrCanc€	5.50E-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
	73 ALL	480892.1	3666465	5.51E-07 1.5YrCanc€	5.51E-07		0.00E+00									
8	74 ALL	480912.1	3666465	5.55E-07 1.5YrCanc€	5.55E-07		0.00E+00									
		480932.1	3666465	5.57E-07 1.5YrCanc€			0.00E+00	0.00E+00		0.00E+00						
8	76 ALL	480952.1	3666465	5.61E-07 1.5YrCanc€	5.61E-07	0.00E+00										
8	77 ALL	480972.1	3666465	5.66E-07 1.5YrCanc€		0.00E+00										
		480992.1	3666465	5.71E-07 1.5YrCanc€		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		481012.1	3666465	5.75E-07 1.5YrCanc€			0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00
		481032.1	3666465	5.81E-07 1.5YrCanc€	5.81E-07	0.00E+00			0.00E+00							
		481052.1	3666465	5.88E-07 1.5YrCance		0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00			0.00E+00
		480372.1	3666485	1.89E-07 1.5YrCanc€		0.00E+00			0.00E+00							
	83 ALL	480392.1	3666485	2.00E-07 1.5YrCance					0.00E+00					0.00E+00		0.00E+00
	84 ALL	480412.1	3666485	2.12E-07 1.5YrCance										0.00E+00		
	85 ALL	480432.1	3666485	2.27E-07 1.5YrCanc€												
		480452.1	3666485	2.44E-07 1.5YrCanc€												
		480472.1	3666485	2.64E-07 1.5YrCanc€												
	88 ALL	480492.1	3666485	2.87E-07 1.5YrCanc€												
		480512.1	3666485	3.08E-07 1.5YrCance												
		480532.1	3666485	3.24E-07 1.5YrCanc€										0.00E+00		
		480552.1	3666485	3.42E-07 1.5YrCance										0.00E+00		
		480572.1	3666485	3.64E-07 1.5YrCance										0.00E+00		
	93 ALL	480592.1	3666485	3.85E-07 1.5YrCance					0.00E+00					0.00E+00		
		480612.1	3666485	4.02E-07 1.5YrCanc€					0.00E+00					0.00E+00		
		480632.1	3666485	4.14E-07 1.5YrCance					0.00E+00					0.00E+00		
		480652.1	3666485	4.30E-07 1.5YrCance					0.00E+00					0.00E+00		
		480672.1	3666485	4.48E-07 1.5YrCanc€					0.00E+00					0.00E+00		
	98 ALL	480692.1	3666485	4.65E-07 1.5YrCance					0.00E+00					0.00E+00		
8	99 ALL	480712.1	3666485	4.79E-07 1.5YrCanc€	4.79E-07	0.00E+00										

900 ALL	480732.1	3666485	4.92E-07 1.5YrCanc€	4.92E-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
901 ALL	480752.1	3666485	5.12E-07 1.5YrCancε	5.12E-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
902 ALL	480772.1	3666485	5.30E-07 1.5YrCanc€	5.30E-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
903 ALL	480792.1	3666485	5.43E-07 1.5YrCanc€	5.43E-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
904 ALL	480812.1	3666485	5.53E-07 1.5YrCanc€		0.00E+00	0.00E+00	0.00E+00	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	480832.1	3666485	5.66E-07 1.5YrCance	5.66E-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
906 ALL	480852.1	3666485	5.78E-07 1.5YrCance		0.00E+00	0.00E+00	0.00E+00	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	480872.1	3666485	5.87E-07 1.5YrCance	5.87E-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
908 ALL	480892.1	3666485	5.93E-07 1.5YrCance	5.93E-07	0.00E+00				0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
909 ALL	480912.1	3666485	6.00E-07 1.5YrCanc€	6.00E-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
910 ALL	480932.1	3666485	6.06E-07 1.5YrCance		0.00E+00		0.00E+00	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	480952.1	3666485	6.11E-07 1.5YrCance		0.00E+00	0.00E+00	0.00E+00	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	480972.1	3666485	6.17E-07 1.5YrCanc€		0.00E+00	0.00E+00	0.00E+00	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	480992.1	3666485	6.23E-07 1.5YrCanc€		0.00E+00	0.00E+00	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	480412.1	3666505	2.01E-07 1.5YrCance		0.00E+00	0.00E+00		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	480432.1	3666505	2.21E-07 1.5YrCance		0.00E+00	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	480452.1	3666505	2.39E-07 1.5YrCance		0.00E+00	0.00E+00	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	480472.1	3666505	2.55E-07 1.5YrCance		0.00E+00	0.00E+00	0.00E+00	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	480492.1	3666505	2.72E-07 1.5YrCance		0.00E+00	0.00E+00	0.00E+00	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	480512.1	3666505	2.87E-07 1.5YrCance		0.00E+00	0.00E+00	0.00E+00	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	480532.1	3666505	3.02E-07 1.5YrCance		0.00E+00	0.00E+00	0.00E+00	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	480552.1	3666505	3.25E-07 1.5YrCance		0.00E+00	0.00E+00		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	480572.1	3666505	3.50E-07 1.5YrCance		0.00E+00	0.00E+00		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	480592.1	3666505	3.70E-07 1.5YrCance		0.00E+00	0.00E+00	0.00E+00	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	480612.1	3666505	3.85E-07 1.5YrCance		0.00E+00	0.00E+00	0.00E+00	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	480632.1	3666505	4.06E-07 1.5YrCance		0.00E+00	0.00E+00	0.00E+00	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	480652.1	3666505	4.14E-07 1.5YrCance		0.00E+00	0.00E+00	0.00E+00	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	480672.1	3666505	4.35E-07 1.5YrCance		0.00E+00	0.00E+00	0.00E+00	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	480692.1	3666505	4.57E-07 1.5YrCance		0.00E+00	0.00E+00	0.00E+00	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	480712.1	3666505	4.73E-07 1.5YrCance		0.00E+00	0.00E+00	0.00E+00	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	480732.1	3666505	4.90E-07 1.5YrCance		0.00E+00	0.00E+00	0.00E+00	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	480752.1	3666505	5.05E-07 1.5YrCance		0.00E+00	0.00E+00	0.00E+00 0.00E+00	0.00E+00	0.00E+00	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	480772.1	3666505	5.26E-07 1.5YrCance		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	480792.1	3666505	5.49E-07 1.5YrCance					0.00E+00							0.00E+00
934 ALL	480812.1	3666505	5.63E-07 1.5YrCance												0.00E+00
935 ALL	480832.1	3666505 3666505	5.82E-07 1.5YrCance 5.97E-07 1.5YrCance												
936 ALL	480852.1														
937 ALL	480872.1	3666505	6.10E-07 1.5YrCance												
938 ALL	480892.1	3666505	6.24E-07 1.5YrCance												
939 ALL 940 ALL	480912.1 480932.1	3666505 3666505	6.35E-07 1.5YrCance 6.46E-07 1.5YrCance												
			6.55E-07 1.5YrCance												
941 ALL	480952.1	3666505													
942 ALL	480432.1	3666525 3666525	2.04E-07 1.5YrCanc€ 2.24E-07 1.5YrCanc€												
943 ALL 944 ALL	480452.1 480472.1	3666525 3666525	2.36E-07 1.5YrCance											0.00E+00 0.00E+00	
945 ALL	480472.1	3666525	2.53E-07 1.5YrCance										0.00E+00		
946 ALL 947 ALL	480512.1 480532.1	3666525 3666525	2.70E-07 1.5YrCanc€ 2.87E-07 1.5YrCanc€										0.00E+00 0.00E+00		
947 ALL 948 ALL	480552.1		3.12E-07 1.5YrCance											0.00E+00	
		3666525	3.30E-07 1.5YrCance												
949 ALL	480572.1	3666525	3.30E-0/ 1.3YrCance	3.3UE-U/	U.UUE+UU	U.UUE+UU	U.UUE+UU	U.UUE+UU	U.UUE+UU	U.UUE+UU	U.UUE+UU	U.UUE+UU	U.UUE+UU	U.UUE+UU	U.UUE+UU

9!	50 ALL	480592.1	3666525	3.51E-07 1.5YrCance	3.51E-07	0.00E+00										
9!	51 ALL	480612.1	3666525	3.74E-07 1.5YrCanc€	3.74E-07	0.00E+00	0.00E+00		0.00E+00							
9!	52 ALL	480632.1	3666525	3.91E-07 1.5YrCanc€	3.91E-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
9!	53 ALL	480652.1	3666525	4.03E-07 1.5YrCanc€	4.03E-07	0.00E+00										
9!	54 ALL	480672.1	3666525	4.18E-07 1.5YrCance	4.18E-07	0.00E+00										
9!	55 ALL	480692.1	3666525	4.37E-07 1.5YrCanc€	4.37E-07	0.00E+00										
9!	56 ALL	480712.1	3666525	4.61E-07 1.5YrCance	4.61E-07	0.00E+00										
9!	57 ALL	480732.1	3666525	4.81E-07 1.5YrCanc€	4.81E-07	0.00E+00										
9!	58 ALL	480752.1	3666525	4.98E-07 1.5YrCanc€	4.98E-07	0.00E+00										
9!	59 ALL	480772.1	3666525	5.21E-07 1.5YrCanc€		0.00E+00										
96	50 ALL	480792.1	3666525	5.49E-07 1.5YrCanc€	5.49E-07	0.00E+00										
96	51 ALL	480812.1	3666525	5.63E-07 1.5YrCanc€	5.63E-07	0.00E+00										
96	52 ALL	480832.1	3666525	5.85E-07 1.5YrCanc€	5.85E-07	0.00E+00										
96	53 ALL	480852.1	3666525	6.05E-07 1.5YrCanc€	6.05E-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
96	54 ALL	480872.1	3666525	6.24E-07 1.5YrCanc€		0.00E+00										
96	55 ALL	480892.1	3666525	6.41E-07 1.5YrCanc€	6.41E-07	0.00E+00										
96	66 ALL	480912.1	3666525	6.57E-07 1.5YrCanc€	6.57E-07	0.00E+00										
96	57 ALL	480452.1	3666545	2.10E-07 1.5YrCanc€	2.10E-07	0.00E+00										
96	58 ALL	480472.1	3666545	2.26E-07 1.5YrCanc€	2.26E-07	0.00E+00										
96	59 ALL	480492.1	3666545	2.44E-07 1.5YrCanc€	2.44E-07	0.00E+00										
9	70 ALL	480512.1	3666545	2.60E-07 1.5YrCanc€	2.60E-07	0.00E+00										
9	71 ALL	480532.1	3666545	2.77E-07 1.5YrCanc€	2.77E-07	0.00E+00										
	72 ALL	480552.1	3666545	3.01E-07 1.5YrCanc€	3.01E-07	0.00E+00										
9	73 ALL	480572.1	3666545	3.14E-07 1.5YrCance	3.14E-07	0.00E+00										
9	74 ALL	480592.1	3666545	3.31E-07 1.5YrCance	3.31E-07	0.00E+00										
9	75 ALL	480612.1	3666545	3.53E-07 1.5YrCance	3.53E-07	0.00E+00										
9	76 ALL	480632.1	3666545	3.78E-07 1.5YrCance	3.78E-07	0.00E+00										
97	77 ALL	480652.1	3666545	3.93E-07 1.5YrCance	3.93E-07	0.00E+00										
9	78 ALL	480672.1	3666545	4.04E-07 1.5YrCanc€	4.04E-07	0.00E+00										
97	79 ALL	480692.1	3666545	4.21E-07 1.5YrCanc€	4.21E-07	0.00E+00										
98	30 ALL	480712.1	3666545	4.49E-07 1.5YrCanc€	4.49E-07	0.00E+00										
98	31 ALL	480732.1	3666545	4.69E-07 1.5YrCanc€		0.00E+00										
98	32 ALL	480752.1	3666545	4.87E-07 1.5YrCanc€	4.87E-07	0.00E+00										
98	33 ALL	480772.1	3666545	5.09E-07 1.5YrCanc€	5.09E-07	0.00E+00										
98	34 ALL	480792.1	3666545	5.35E-07 1.5YrCanc€	5.35E-07	0.00E+00										
	35 ALL	480812.1	3666545	5.56E-07 1.5YrCanc€												
	36 ALL	480832.1	3666545	5.80E-07 1.5YrCanc€												
	37 ALL	480852.1	3666545	6.03E-07 1.5YrCanc€												
	38 ALL	480872.1	3666545	6.25E-07 1.5YrCanc€	6.25E-07	0.00E+00										
	39 ALL	480452.1	3666565	1.98E-07 1.5YrCanc€												
	90 ALL	480472.1	3666565	2.25E-07 1.5YrCanc€												
	91 ALL	480492.1	3666565	2.43E-07 1.5YrCanc€	2.43E-07	0.00E+00										
99	92 ALL	480512.1	3666565	2.56E-07 1.5YrCanc€	2.56E-07	0.00E+00										
99	93 ALL	480532.1	3666565	2.72E-07 1.5YrCanc€	2.72E-07	0.00E+00										
	94 ALL	480552.1	3666565	2.92E-07 1.5YrCanc€											0.00E+00	
	95 ALL	480572.1	3666565	3.03E-07 1.5YrCance	3.03E-07	0.00E+00										
	96 ALL	480592.1	3666565	3.12E-07 1.5YrCanc€						0.00E+00				0.00E+00		
	97 ALL	480612.1	3666565	3.28E-07 1.5YrCanc€										0.00E+00	0.00E+00	0.00E+00
	98 ALL	480632.1	3666565	3.70E-07 1.5YrCanc€				0.00E+00		0.00E+00					0.00E+00	
99	99 ALL	480652.1	3666565	3.87E-07 1.5YrCance	3.87E-07	0.00E+00										

:	1000 ALL	480672.1	3666565	3.98E-07 1.5YrCanc€	3.98E-07	0.00E+00										
:	1001 ALL	480692.1	3666565	4.13E-07 1.5ΥrCancε		0.00E+00										
:	1002 ALL	480712.1	3666565	4.40E-07 1.5YrCanc€			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	480732.1	3666565	4.58E-07 1.5YrCanc€	4.58E-07	0.00E+00										
	1004 ALL	480752.1	3666565	4.76E-07 1.5YrCanc€		0.00E+00	0.00E+00	0.00E+00		0.00E+00						
	1005 ALL	480772.1	3666565	4.94E-07 1.5YrCanc€	4.94E-07	0.00E+00			0.00E+00							
:	1006 ALL	480792.1	3666565	5.14E-07 1.5YrCanc€	-	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	480812.1	3666565	5.48E-07 1.5YrCanc€				0.00E+00			0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1008 ALL	480832.1	3666565	5.72E-07 1.5YrCanc€		0.00E+00										
:	1009 ALL	480852.1	3666565	5.96E-07 1.5YrCanc€		0.00E+00	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	480872.1	3666565	6.19E-07 1.5YrCanc€		0.00E+00		0.00E+00		0.00E+00						
	1011 ALL	480892.1	3666565	6.40E-07 1.5YrCance				0.00E+00		0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1012 ALL	480472.1	3666585	2.29E-07 1.5YrCanc€		0.00E+00		0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00
	1013 ALL	480492.1	3666585	2.44E-07 1.5YrCanc€		0.00E+00					0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1014 ALL	480512.1	3666585	2.54E-07 1.5YrCance				0.00E+00			0.00E+00		0.00E+00		0.00E+00	
	1015 ALL	480532.1	3666585	2.67E-07 1.5YrCanc€				0.00E+00			0.00E+00	0.00E+00	0.00E+00		0.00E+00	
	1016 ALL	480552.1	3666585	2.92E-07 1.5YrCanc€				0.00E+00			0.00E+00	0.00E+00		0.00E+00		
	1017 ALL	480572.1	3666585	3.06E-07 1.5YrCanc€		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	480592.1	3666585	3.16E-07 1.5YrCance				0.00E+00		0.00E+00	0.00E+00	0.00E+00				0.00E+00
	1019 ALL	480612.1	3666585	3.30E-07 1.5YrCanc€		0.00E+00		0.00E+00		0.00E+00	0.00E+00		0.00E+00			0.00E+00
	1020 ALL	480632.1	3666585	3.67E-07 1.5YrCanc€							0.00E+00		0.00E+00	0.00E+00		
	1021 ALL	480652.1	3666585	3.85E-07 1.5YrCance				0.00E+00			0.00E+00				0.00E+00	
	1022 ALL	480672.1	3666585	3.98E-07 1.5YrCance								0.00E+00		0.00E+00		
	1023 ALL	480692.1	3666585	4.11E-07 1.5YrCanc€		0.00E+00	0.00E+00			0.00E+00	0.00E+00		0.00E+00			0.00E+00
	1024 ALL	480712.1	3666585	4.27E-07 1.5YrCance				0.00E+00			0.00E+00	0.00E+00	0.00E+00			0.00E+00
	1025 ALL	480732.1	3666585	4.53E-07 1.5YrCanc€				0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
:	1026 ALL	480752.1	3666585	4.75E-07 1.5YrCanc€		0.00E+00		0.00E+00			0.00E+00		0.00E+00	0.00E+00		0.00E+00
	1027 ALL	480772.1	3666585	4.95E-07 1.5YrCanc€				0.00E+00		0.00E+00	0.00E+00		0.00E+00		0.00E+00	
	1028 ALL	480792.1	3666585	5.15E-07 1.5YrCanc€				0.00E+00			0.00E+00	0.00E+00			0.00E+00	
	1029 ALL	480812.1	3666585	5.41E-07 1.5YrCance								0.00E+00		0.00E+00		
	1030 ALL	480832.1	3666585	5.63E-07 1.5YrCance		0.00E+00	0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00			0.00E+00
	1031 ALL	480852.1	3666585	5.87E-07 1.5YrCance		0.00E+00		0.00E+00		0.00E+00	0.00E+00		0.00E+00	0.00E+00		0.00E+00
	1032 ALL	480872.1	3666585	6.13E-07 1.5YrCance		0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	
	1033 ALL	480892.1	3666585	6.39E-07 1.5YrCanc€												
	1034 ALL	480472.1	3666605	2.34E-07 1.5YrCance												
	1035 ALL	480492.1	3666605	2.49E-07 1.5YrCance												
	1036 ALL	480512.1	3666605	2.59E-07 1.5YrCanc€												
	1037 ALL	480532.1	3666605	2.69E-07 1.5YrCance												
	1038 ALL	480552.1	3666605	2.88E-07 1.5YrCanc€												
	1039 ALL	480572.1	3666605	3.09E-07 1.5YrCance												
	1040 ALL	480592.1	3666605	3.24E-07 1.5YrCanc€												
	1041 ALL	480612.1	3666605	3.37E-07 1.5YrCance												
	1042 ALL	480632.1	3666605	3.63E-07 1.5YrCance												
	1043 ALL	480652.1	3666605	3.87E-07 1.5YrCance												
	1044 ALL	480672.1	3666605	4.05E-07 1.5YrCance												
	1045 ALL	480692.1	3666605	4.19E-07 1.5YrCance												
	1046 ALL	480712.1	3666605	4.32E-07 1.5YrCance												
	1047 ALL	480732.1	3666605	4.56E-07 1.5YrCanc€												
	1048 ALL	480752.1	3666605	4.79E-07 1.5YrCance												
	1049 ALL	480772.1	3666605	5.00E-07 1.5YrCanc€	5.00E-07	U.UUE+00	U.00E+00	U.00E+00	U.00E+00							

1050 ALL	480792.1	3666605	5.21E-07 1.5YrCanc€	5.21E-07	0.00E+00										
1051 ALL	480812.1	3666605	5.44E-07 1.5YrCance	5.44E-07	0.00E+00										
1052 ALL	480832.1	3666605	5.66E-07 1.5YrCance	5.66E-07	0.00E+00										
1053 ALL	480852.1	3666605	5.90E-07 1.5YrCance	5.90E-07	0.00E+00										
1054 ALL	480872.1	3666605	6.15E-07 1.5YrCance	6.15E-07	0.00E+00										
1055 ALL	480892.1	3666605	6.43E-07 1.5YrCance	6.43E-07	0.00E+00										
1056 ALL	480912.1	3666605	6.68E-07 1.5YrCanc€	6.68E-07	0.00E+00										
1057 ALL	480492.1	3666625	2.53E-07 1.5YrCance	2.53E-07	0.00E+00										
1058 ALL	480512.1	3666625	2.67E-07 1.5YrCance	2.67E-07	0.00E+00										
1059 ALL	480532.1	3666625	2.74E-07 1.5YrCance	2.74E-07	0.00E+00										
1060 ALL	480552.1	3666625	2.79E-07 1.5YrCance	2.79E-07	0.00E+00										
1061 ALL	480572.1	3666625	3.10E-07 1.5YrCance	3.10E-07	0.00E+00										
1062 ALL	480592.1	3666625	3.36E-07 1.5YrCance	3.36E-07	0.00E+00										
1063 ALL	480612.1	3666625	3.47E-07 1.5YrCanc€	3.47E-07	0.00E+00										
1064 ALL	480632.1	3666625	3.57E-07 1.5YrCance	3.57E-07	0.00E+00										
1065 ALL	480652.1	3666625	3.90E-07 1.5YrCanc€	3.90E-07	0.00E+00										
1066 ALL	480672.1	3666625	4.15E-07 1.5YrCanc€	4.15E-07	0.00E+00										
1067 ALL	480692.1	3666625	4.34E-07 1.5YrCance	4.34E-07	0.00E+00										
1068 ALL	480712.1	3666625	4.51E-07 1.5ΥrCancε	4.51E-07	0.00E+00										
1069 ALL	480732.1	3666625	4.67E-07 1.5ΥrCancε	4.67E-07	0.00E+00										
1070 ALL	480752.1	3666625	4.86E-07 1.5YrCanc€	4.86E-07	0.00E+00										
1071 ALL	480772.1	3666625	5.07E-07 1.5YrCanc€	5.07E-07	0.00E+00										
1072 ALL	480792.1	3666625	5.29E-07 1.5YrCancε	5.29E-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
1073 ALL	480812.1	3666625	5.56E-07 1.5YrCance	5.56E-07	0.00E+00										
1074 ALL	480832.1	3666625	5.81E-07 1.5YrCancε	5.81E-07	0.00E+00										
1075 ALL	480852.1	3666625	6.04E-07 1.5YrCanc€	6.04E-07	0.00E+00										
1076 ALL	480872.1	3666625	6.28E-07 1.5YrCance	6.28E-07	0.00E+00										
1077 ALL	480892.1	3666625	6.55E-07 1.5YrCance	6.55E-07	0.00E+00										
1078 ALL	480912.1	3666625	6.77E-07 1.5YrCanc€	6.77E-07	0.00E+00										
1079 ALL	480492.1	3666645	2.58E-07 1.5YrCanc€	2.58E-07	0.00E+00										
1080 ALL	480512.1	3666645	2.78E-07 1.5YrCanc€	2.78E-07	0.00E+00										
1081 ALL	480532.1	3666645	2.86E-07 1.5YrCanc€		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	480552.1	3666645	2.90E-07 1.5YrCanc€		0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	
1083 ALL	480572.1	3666645	3.20E-07 1.5YrCanc€	3.20E-07	0.00E+00										
1084 ALL	480592.1	3666645	3.46E-07 1.5YrCance	3.46E-07	0.00E+00										
1085 ALL	480612.1	3666645	3.60E-07 1.5YrCanc€												
1086 ALL	480632.1	3666645	3.74E-07 1.5YrCanc€												
1087 ALL	480652.1	3666645	3.98E-07 1.5YrCanc€												
1088 ALL	480672.1	3666645	4.19E-07 1.5YrCanc€												
1089 ALL	480692.1	3666645	4.38E-07 1.5YrCanc€												
1090 ALL	480712.1	3666645	4.57E-07 1.5YrCanc€												
1091 ALL	480732.1	3666645	4.77E-07 1.5YrCanc€												
1092 ALL	480752.1	3666645	4.99E-07 1.5YrCanc€												
1093 ALL	480772.1	3666645	5.21E-07 1.5YrCance												
1094 ALL	480792.1	3666645	5.44E-07 1.5YrCance												
1095 ALL	480812.1	3666645	5.72E-07 1.5YrCance												
1096 ALL	480832.1	3666645	5.98E-07 1.5YrCanc€										0.00E+00		
1097 ALL	480852.1	3666645	6.21E-07 1.5YrCanc€												
1098 ALL	480872.1	3666645	6.44E-07 1.5YrCance												
1099 ALL	480892.1	3666645	6.68E-07 1.5YrCanc€	6.68E-07	0.00E+00										

1100 ALL	480912.1	3666645	6.92E-07 1.5YrCanc€	6.92E-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
1101 ALL	480932.1	3666645	7.18E-07 1.5YrCance		0.00E+00	0.00E+00	0.00E+00	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	480492.1	3666665	2.56E-07 1.5YrCanc€			0.00E+00	0.00E+00			0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00
1103 ALL	480512.1	3666665	2.78E-07 1.5YrCanc€		0.00E+00	0.00E+00	0.00E+00	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	480532.1	3666665	2.91E-07 1.5YrCanc€		0.00E+00	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	480552.1	3666665	2.99E-07 1.5YrCanc€	2.99E-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
1106 ALL	480572.1	3666665	3.26E-07 1.5YrCanc€		0.00E+00					0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1107 ALL	480592.1	3666665	3.51E-07 1.5YrCanc€							0.00E+00			0.00E+00	0.00E+00	0.00E+00
1108 ALL	480612.1	3666665	3.67E-07 1.5YrCanc€	3.67E-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
1109 ALL	480632.1	3666665	3.84E-07 1.5YrCanc€				0.00E+00						0.00E+00		
1110 ALL	480652.1	3666665	4.02E-07 1.5YrCance		0.00E+00		0.00E+00			0.00E+00	0.00E+00	0.00E+00			0.00E+00
1111 ALL	480672.1	3666665	4.20E-07 1.5YrCance		0.00E+00		0.00E+00			0.00E+00	0.00E+00				0.00E+00
1112 ALL	480692.1	3666665	4.40E-07 1.5YrCance		0.00E+00		0.00E+00			0.00E+00	0.00E+00		0.00E+00		0.00E+00
1113 ALL	480712.1	3666665	4.60E-07 1.5YrCance		0.00E+00					0.00E+00	0.00E+00	0.00E+00			0.00E+00
1114 ALL	480732.1	3666665	4.82E-07 1.5YrCance				0.00E+00			0.00E+00	0.00E+00		0.00E+00		
1115 ALL	480752.1	3666665	5.06E-07 1.5YrCance				0.00E+00			0.00E+00			0.00E+00		
1116 ALL	480772.1	3666665	5.30E-07 1.5YrCance		0.00E+00		0.00E+00			0.00E+00			0.00E+00		
1117 ALL	480792.1	3666665	5.53E-07 1.5YrCance		0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00		0.00E+00		0.00E+00
1118 ALL	480812.1	3666665	5.81E-07 1.5YrCance				0.00E+00		0.00E+00	0.00E+00		0.00E+00			0.00E+00
1119 ALL	480832.1	3666665	6.07E-07 1.5YrCance		0.00E+00		0.00E+00		0.00E+00	0.00E+00			0.00E+00		
1120 ALL	480852.1	3666665	6.33E-07 1.5YrCance							0.00E+00			0.00E+00		
1121 ALL	480872.1	3666665	6.59E-07 1.5YrCance				0.00E+00			0.00E+00	0.00E+00		0.00E+00		
1122 ALL	480892.1	3666665	6.82E-07 1.5YrCance										0.00E+00		
1123 ALL	480912.1	3666665	7.09E-07 1.5YrCance		0.00E+00		0.00E+00			0.00E+00					0.00E+00
1124 ALL	480932.1	3666665	7.38E-07 1.5YrCance		0.00E+00		0.00E+00			0.00E+00	0.00E+00		0.00E+00		0.00E+00
1125 ALL	480512.1	3666685	2.63E-07 1.5YrCance		0.00E+00		0.00E+00			0.00E+00	0.00E+00	0.00E+00			0.00E+00
1126 ALL	480532.1	3666685	2.85E-07 1.5YrCance		0.00E+00		0.00E+00			0.00E+00			0.00E+00		0.00E+00
1127 ALL 1128 ALL	480552.1	3666685 3666685	3.04E-07 1.5YrCance 3.25E-07 1.5YrCance		0.00E+00		0.00E+00 0.00E+00			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 1129 ALL	480572.1 480592.1	3666685	3.44E-07 1.5YrCance										0.00E+00 0.00E+00		
1130 ALL	480612.1	3666685	3.62E-07 1.5YrCance		0.00E+00	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 1131 ALL	480632.1	3666685	3.79E-07 1.5YrCance		0.00E+00		0.00E+00			0.00E+00	0.00E+00		0.00E+00		0.00E+00 0.00E+00
1131 ALL 1132 ALL	480652.1	3666685	3.98E-07 1.5YrCance				0.00E+00			0.00E+00	0.00E+00			0.00E+00	
1133 ALL	480672.1	3666685	4.17E-07 1.5YrCance												
1134 ALL	480692.1	3666685	4.37E-07 1.5YrCance												
1135 ALL	480712.1	3666685	4.59E-07 1.5YrCance												
1136 ALL	480732.1	3666685	4.80E-07 1.5YrCance												
1137 ALL	480752.1	3666685	5.04E-07 1.5YrCance												
1138 ALL	480772.1	3666685	5.28E-07 1.5YrCance												
1139 ALL	480792.1	3666685	5.51E-07 1.5YrCance												
1140 ALL	480812.1	3666685	5.73E-07 1.5YrCance												
1141 ALL	480832.1	3666685	6.00E-07 1.5YrCanc€												
1142 ALL	480852.1	3666685	6.30E-07 1.5YrCance												
1143 ALL	480872.1	3666685	6.61E-07 1.5YrCance												
1144 ALL	480892.1	3666685	6.88E-07 1.5YrCance												
1145 ALL	480912.1	3666685	7.18E-07 1.5YrCance												
1146 ALL	480932.1	3666685	7.50E-07 1.5YrCanc€												
1147 ALL	480512.1	3666705	2.46E-07 1.5YrCanc€												
1148 ALL	480532.1	3666705	2.68E-07 1.5YrCanc€												
1149 ALL	480552.1	3666705	2.89E-07 1.5YrCanc€												

1150 ALL	480572.1	3666705	3.11E-07 1.5YrCanc€			0.00E+00									
1151 ALL	480592.1	3666705	3.31E-07 1.5YrCanc€				0.00E+00			0.00E+00	0.00E+00		0.00E+00		
1152 ALL	480612.1	3666705	3.48E-07 1.5YrCanc€				0.00E+00			0.00E+00	0.00E+00		0.00E+00		
1153 ALL	480632.1	3666705	3.67E-07 1.5YrCanc€						0.00E+00	0.00E+00		0.00E+00	0.00E+00		0.00E+00
1154 ALL	480652.1	3666705	3.87E-07 1.5YrCance		0.00E+00		0.00E+00		0.00E+00	0.00E+00			0.00E+00		0.00E+00
1155 ALL	480672.1	3666705	4.06E-07 1.5YrCanc€				0.00E+00			0.00E+00		0.00E+00	0.00E+00		
1156 ALL	480692.1	3666705	4.25E-07 1.5YrCancε		0.00E+00			0.00E+00		0.00E+00		0.00E+00			0.00E+00
1157 ALL	480712.1	3666705	4.44E-07 1.5YrCanc€				0.00E+00			0.00E+00				0.00E+00	
1158 ALL	480732.1	3666705	4.66E-07 1.5YrCanc€								0.00E+00		0.00E+00		
1159 ALL	480752.1	3666705	4.86E-07 1.5YrCanc€		0.00E+00		0.00E+00				0.00E+00		0.00E+00		
1160 ALL	480772.1	3666705	5.09E-07 1.5YrCance		0.00E+00		0.00E+00			0.00E+00	0.00E+00	0.00E+00			0.00E+00
1161 ALL	480792.1	3666705	5.35E-07 1.5YrCance				0.00E+00			0.00E+00			0.00E+00		0.00E+00
1162 ALL	480812.1	3666705	5.55E-07 1.5YrCanc€		0.00E+00		0.00E+00			0.00E+00		0.00E+00	0.00E+00		0.00E+00
1163 ALL	480832.1	3666705	5.81E-07 1.5YrCance							0.00E+00		0.00E+00			0.00E+00
1164 ALL	480852.1	3666705	6.13E-07 1.5YrCance				0.00E+00			0.00E+00			0.00E+00		
1165 ALL	480872.1	3666705	6.47E-07 1.5YrCanc€				0.00E+00			0.00E+00			0.00E+00		
1166 ALL	480892.1	3666705	6.76E-07 1.5YrCanc€				0.00E+00			0.00E+00	0.00E+00		0.00E+00		
1167 ALL	480912.1	3666705	7.09E-07 1.5YrCance		0.00E+00		0.00E+00		0.00E+00	0.00E+00			0.00E+00		0.00E+00
1168 ALL	480932.1	3666705	7.45E-07 1.5YrCanc€				0.00E+00		0.00E+00	0.00E+00	0.00E+00				0.00E+00
1169 ALL	480952.1	3666705	7.84E-07 1.5YrCance		0.00E+00		0.00E+00		0.00E+00	0.00E+00			0.00E+00		0.00E+00
1170 ALL	480532.1	3666725	2.47E-07 1.5YrCance							0.00E+00		0.00E+00	0.00E+00		
1171 ALL	480552.1	3666725	2.67E-07 1.5YrCance							0.00E+00	0.00E+00		0.00E+00		
1172 ALL	480572.1	3666725	2.90E-07 1.5YrCanc€								0.00E+00		0.00E+00		
1173 ALL	480592.1	3666725	3.10E-07 1.5YrCanc€		0.00E+00		0.00E+00			0.00E+00		0.00E+00			0.00E+00
1174 ALL	480612.1	3666725	3.26E-07 1.5YrCance				0.00E+00			0.00E+00		0.00E+00	0.00E+00		0.00E+00
1175 ALL	480632.1	3666725	3.46E-07 1.5YrCance				0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00
1176 ALL	480652.1	3666725	3.66E-07 1.5YrCanc€				0.00E+00			0.00E+00			0.00E+00		0.00E+00
1177 ALL	480672.1	3666725	3.84E-07 1.5YrCance				0.00E+00			0.00E+00		0.00E+00		0.00E+00	
1178 ALL	480692.1	3666725	4.02E-07 1.5YrCanc€				0.00E+00			0.00E+00	0.00E+00		0.00E+00		
1179 ALL	480712.1	3666725	4.22E-07 1.5YrCanc€								0.00E+00		0.00E+00		
1180 ALL	480732.1	3666725	4.43E-07 1.5YrCanc€			0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00			0.00E+00
1181 ALL	480752.1	3666725	4.62E-07 1.5YrCance				0.00E+00		0.00E+00	0.00E+00			0.00E+00		0.00E+00
1182 ALL	480772.1	3666725	4.84E-07 1.5YrCanc€				0.00E+00			0.00E+00	0.00E+00	0.00E+00		0.00E+00	
1183 ALL	480792.1	3666725	5.08E-07 1.5YrCance												
1184 ALL	480812.1	3666725	5.27E-07 1.5YrCance												
1185 ALL	480832.1	3666725	5.50E-07 1.5YrCance												
1186 ALL	480852.1	3666725	5.82E-07 1.5YrCance												
1187 ALL	480872.1	3666725	6.17E-07 1.5YrCance												
1188 ALL	480892.1	3666725	6.46E-07 1.5YrCanc€												
1189 ALL	480912.1	3666725	6.80E-07 1.5YrCance												
1190 ALL	480932.1	3666725	7.19E-07 1.5YrCance												
1191 ALL	480952.1	3666725	7.61E-07 1.5YrCance												
1192 ALL	480532.1	3666745	2.27E-07 1.5YrCanc€												
1193 ALL	480552.1	3666745	2.44E-07 1.5YrCance												
1194 ALL	480572.1	3666745	2.64E-07 1.5YrCance												
1195 ALL	480592.1	3666745	2.84E-07 1.5YrCance												
1196 ALL	480612.1	3666745	3.00E-07 1.5YrCance												
1197 ALL	480632.1	3666745	3.18E-07 1.5YrCance												
1198 ALL	480652.1	3666745	3.36E-07 1.5YrCance												
1199 ALL	480672.1	3666745	3.51E-07 1.5YrCance	3.51E-07	U.UUE+00	U.00E+00	U.00E+00	U.00E+00							

1200 AI	L 480692.1	3666745	3.70E-07 1.5YrCance	3.70E-07	0.00E+00										
1201 AI	L 480712.1	3666745	3.98E-07 1.5YrCanc€	3.98E-07	0.00E+00										
1202 AI	L 480732.1	3666745	4.13E-07 1.5YrCanc€	4.13E-07	0.00E+00										
1203 AI	L 480752.1	3666745	4.36E-07 1.5YrCanc€	4.36E-07	0.00E+00										
1204 AI	L 480772.1	3666745	4.57E-07 1.5YrCanc€	4.57E-07	0.00E+00										
1205 AI	L 480792.1	3666745	4.75E-07 1.5YrCanc€	4.75E-07	0.00E+00										
1206 AI	480812.1	3666745	4.94E-07 1.5YrCanc€	4.94E-07	0.00E+00										
1207 AI	480832.1	3666745	5.14E-07 1.5YrCanc€	5.14E-07	0.00E+00										
1208 AI	480852.1	3666745	5.42E-07 1.5YrCanc€	5.42E-07	0.00E+00										
1209 AI	480872.1	3666745	5.75E-07 1.5YrCanc€	5.75E-07	0.00E+00										
1210 AI	480892.1	3666745	6.05E-07 1.5YrCanc€	6.05E-07	0.00E+00										
1211 AI	480912.1	3666745	6.40E-07 1.5YrCanc€	6.40E-07	0.00E+00										
1212 AI	L 480932.1	3666745	6.78E-07 1.5YrCanc€	6.78E-07	0.00E+00										
1213 AI	L 480952.1	3666745	7.19E-07 1.5YrCanc€	7.19E-07	0.00E+00										
1214 AI	L 480972.1	3666745	7.63E-07 1.5YrCanc€	7.63E-07	0.00E+00										
1215 AI	L 480552.1	3666765	2.23E-07 1.5YrCanc€	2.23E-07	0.00E+00										
1216 AI	L 480572.1	3666765	2.39E-07 1.5YrCanc€	2.39E-07	0.00E+00										
1217 AI	L 480592.1	3666765	2.57E-07 1.5YrCanc€	2.57E-07	0.00E+00										
1218 AI	480612.1	3666765	2.77E-07 1.5YrCanc€	2.77E-07	0.00E+00										
1219 AI	480632.1	3666765	2.91E-07 1.5YrCanc€	2.91E-07	0.00E+00										
1220 AI	L 480652.1	3666765	3.08E-07 1.5YrCanc€	3.08E-07	0.00E+00										
1221 AI	480672.1	3666765	3.23E-07 1.5YrCanc€	3.23E-07	0.00E+00										
1222 AI	480692.1	3666765	3.37E-07 1.5YrCanc€	3.37E-07	0.00E+00										
1223 AI	L 480712.1	3666765	3.56E-07 1.5YrCanc€	3.56E-07	0.00E+00										
1224 AI	L 480732.1	3666765	3.75E-07 1.5YrCanc€	3.75E-07	0.00E+00										
1225 AI	L 480752.1	3666765	3.98E-07 1.5YrCanc€	3.98E-07	0.00E+00										
1226 AI	L 480772.1	3666765	4.21E-07 1.5YrCanc€	4.21E-07	0.00E+00										
1227 AI	L 480792.1	3666765	4.42E-07 1.5YrCanc€	4.42E-07	0.00E+00										
1228 AI	480812.1	3666765	4.59E-07 1.5YrCanc€	4.59E-07	0.00E+00										
1229 AI	480832.1	3666765	4.80E-07 1.5YrCance	4.80E-07	0.00E+00										
1230 AI	L 480852.1	3666765	5.06E-07 1.5YrCance	5.06E-07	0.00E+00										
1231 AI	L 480872.1	3666765	5.35E-07 1.5YrCance	5.35E-07	0.00E+00										
1232 AI	480892.1	3666765	5.64E-07 1.5YrCance	5.64E-07	0.00E+00										
1233 AI		3666765	5.98E-07 1.5YrCance												
1234 AI	L 480932.1	3666765	6.33E-07 1.5YrCance	6.33E-07	0.00E+00										
1235 AI	L 480952.1	3666765	6.69E-07 1.5YrCance	6.69E-07	0.00E+00										
1236 AI	L 480972.1	3666765	7.09E-07 1.5YrCance	7.09E-07	0.00E+00										
1237 AI	L 480552.1	3666785	2.02E-07 1.5YrCance	2.02E-07	0.00E+00										
1238 AI	L 480572.1	3666785	2.15E-07 1.5YrCance	2.15E-07	0.00E+00										
1239 AI	L 480592.1	3666785	2.32E-07 1.5YrCance	2.32E-07	0.00E+00										
1240 AI	480612.1	3666785	2.52E-07 1.5YrCance	2.52E-07	0.00E+00										
1241 AI	L 480632.1	3666785	2.64E-07 1.5YrCance	2.64E-07	0.00E+00										
1242 AI	L 480652.1	3666785	2.79E-07 1.5YrCance	2.79E-07	0.00E+00										
1243 AI	L 480672.1	3666785	2.93E-07 1.5YrCanc€	2.93E-07	0.00E+00										
1244 AI	L 480692.1	3666785	3.05E-07 1.5YrCanc€	3.05E-07	0.00E+00										
1245 AI	480712.1	3666785	3.17E-07 1.5YrCance	3.17E-07	0.00E+00										
1246 AI	L 480732.1	3666785	3.38E-07 1.5YrCanc€	3.38E-07	0.00E+00										
1247 AI	L 480752.1	3666785	3.60E-07 1.5YrCanc€	3.60E-07	0.00E+00										
1248 AI	L 480772.1	3666785	3.83E-07 1.5YrCance	3.83E-07	0.00E+00										
1249 AI	L 480792.1	3666785	4.05E-07 1.5YrCancε	4.05E-07	0.00E+00										

1250 ALL	480812.1	3666785	4.21E-07 1.5ΥrCancε	4.21E-07	0.00E+00										
1251 ALL	480832.1	3666785	4.45E-07 1.5ΥrCancε	4.45E-07	0.00E+00										
1252 ALL	480852.1	3666785	4.71E-07 1.5ΥrCance	4.71E-07	0.00E+00										
1253 ALL	480872.1	3666785	4.97E-07 1.5YrCance	4.97E-07	0.00E+00										
1254 ALL	480892.1	3666785	5.24E-07 1.5YrCancε	5.24E-07	0.00E+00										
1255 ALL	480912.1	3666785	5.55E-07 1.5YrCance	5.55E-07	0.00E+00										
1256 ALL	480932.1	3666785	5.86E-07 1.5YrCancε	5.86E-07	0.00E+00										
1257 ALL	480952.1	3666785	6.19E-07 1.5YrCanc€	6.19E-07	0.00E+00										
1258 ALL	480972.1	3666785	6.56E-07 1.5YrCanc€	6.56E-07	0.00E+00										
1259 ALL	480552.1	3666805	1.81E-07 1.5YrCanc€	1.81E-07	0.00E+00										
1260 ALL	480572.1	3666805	1.93E-07 1.5YrCanc€	1.93E-07	0.00E+00										
1261 ALL	480592.1	3666805	2.08E-07 1.5YrCanc€	2.08E-07	0.00E+00										
1262 ALL	480612.1	3666805	2.23E-07 1.5YrCanc€	2.23E-07	0.00E+00										
1263 ALL	480632.1	3666805	2.34E-07 1.5YrCanc€	2.34E-07	0.00E+00										
1264 ALL	480652.1	3666805	2.47E-07 1.5YrCanc€	2.47E-07	0.00E+00										
1265 ALL	480672.1	3666805	2.60E-07 1.5YrCanc€	2.60E-07	0.00E+00										
1266 ALL	480692.1	3666805	2.75E-07 1.5YrCanc€	2.75E-07	0.00E+00										
1267 ALL	480712.1	3666805	2.95E-07 1.5YrCanc€	2.95E-07	0.00E+00										
1268 ALL	480732.1	3666805	3.10E-07 1.5YrCanc€	3.10E-07	0.00E+00										
1269 ALL	480752.1	3666805	3.26E-07 1.5YrCanc€	3.26E-07	0.00E+00										
1270 ALL	480772.1	3666805	3.44E-07 1.5YrCanc€	3.44E-07	0.00E+00										
1271 ALL	480792.1	3666805	3.61E-07 1.5YrCanc€	3.61E-07	0.00E+00										
1272 ALL	480812.1	3666805	3.75E-07 1.5YrCanc€	3.75E-07	0.00E+00										
1273 ALL	480832.1	3666805	4.05E-07 1.5YrCanc€	4.05E-07	0.00E+00										
1274 ALL	480852.1	3666805	4.33E-07 1.5YrCanc€	4.33E-07	0.00E+00										
1275 ALL	480872.1	3666805	4.57E-07 1.5YrCanc€	4.57E-07	0.00E+00										
1276 ALL	480892.1	3666805	4.80E-07 1.5ΥrCancε	4.80E-07	0.00E+00										
1277 ALL	480912.1	3666805	5.08E-07 1.5YrCanc€	5.08E-07	0.00E+00										
1278 ALL	480932.1	3666805	5.38E-07 1.5YrCance	5.38E-07	0.00E+00										
1279 ALL	480952.1	3666805	5.70E-07 1.5YrCance	5.70E-07	0.00E+00										
1280 ALL	480972.1	3666805	6.04E-07 1.5YrCance	6.04E-07	0.00E+00										
1281 ALL	480992.1	3666805	6.43E-07 1.5YrCanc€	6.43E-07	0.00E+00										
1282 ALL	480572.1	3666825	1.69E-07 1.5YrCanc€	1.69E-07	0.00E+00										
1283 ALL	480592.1		1.79E-07 1.5YrCanc€												
1284 ALL	480612.1	3666825	1.92E-07 1.5YrCance	1.92E-07	0.00E+00										
1285 ALL	480632.1	3666825	2.05E-07 1.5YrCanc€	2.05E-07	0.00E+00										
1286 ALL	480652.1	3666825	2.16E-07 1.5YrCanc€												
1287 ALL	480672.1	3666825	2.28E-07 1.5YrCanc€												
1288 ALL	480692.1	3666825	2.43E-07 1.5YrCanc€												
1289 ALL	480712.1	3666825	2.59E-07 1.5YrCanc€												
1290 ALL	480732.1	3666825	2.74E-07 1.5YrCanc€												
1291 ALL	480752.1	3666825	2.90E-07 1.5YrCanc€												
1292 ALL	480772.1	3666825	3.07E-07 1.5YrCanc€												
1293 ALL	480792.1	3666825	3.24E-07 1.5YrCanc€												
1294 ALL	480812.1	3666825	3.40E-07 1.5YrCanc€												
1295 ALL	480832.1	3666825	3.63E-07 1.5YrCanc€												
1296 ALL	480852.1	3666825	3.87E-07 1.5YrCanc€												
1297 ALL	480872.1	3666825	4.10E-07 1.5YrCanc€												
1298 ALL	480892.1	3666825	4.33E-07 1.5YrCanc€												
1299 ALL	480912.1	3666825	4.60E-07 1.5YrCanc€	4.60E-07	0.00E+00										

1	.300 ALL	480932.1	3666825	4.90E-07 1.5ΥrCancε	4.90E-07	0.00E+00										
	.301 ALL	480952.1	3666825	5.21E-07 1.5YrCanc€				0.00E+00			0.00E+00		0.00E+00	0.00E+00	0.00E+00	
1	.302 ALL	480972.1	3666825	5.56E-07 1.5YrCanc€		0.00E+00	0.00E+00	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	.303 ALL	480992.1	3666825	5.94E-07 1.5YrCanc€		0.00E+00	0.00E+00	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	480572.1	3666845	1.48E-07 1.5YrCanc€		0.00E+00	0.00E+00		0.00E+00							
1	.305 ALL	480592.1	3666845	1.55E-07 1.5YrCanc€	1.55E-07	0.00E+00										
	.306 ALL	480612.1	3666845	1.65E-07 1.5YrCanc€			0.00E+00		0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00
	.307 ALL	480632.1	3666845	1.79E-07 1.5YrCanc€				0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1	.308 ALL	480652.1	3666845	1.88E-07 1.5YrCanc€	1.88E-07	0.00E+00										
	.309 ALL	480672.1	3666845	1.99E-07 1.5YrCanc€				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	.310 ALL	480692.1	3666845	2.12E-07 1.5YrCanc€	2.12E-07	0.00E+00										
	.311 ALL	480712.1	3666845	2.24E-07 1.5YrCanc€		0.00E+00	0.00E+00	0.00E+00		0.00E+00						
	.312 ALL	480732.1	3666845	2.37E-07 1.5YrCanc€				0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1	.313 ALL	480752.1	3666845	2.53E-07 1.5YrCanc€	2.53E-07	0.00E+00										
	.314 ALL	480772.1	3666845	2.70E-07 1.5YrCanc€				0.00E+00			0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00
	.315 ALL	480792.1	3666845	2.87E-07 1.5YrCanc€											0.00E+00	0.00E+00
	.316 ALL	480812.1	3666845	3.03E-07 1.5YrCanc€	3.03E-07	0.00E+00										
	.317 ALL	480832.1	3666845	3.20E-07 1.5YrCanc€		0.00E+00	0.00E+00		0.00E+00							
1	.318 ALL	480852.1	3666845	3.38E-07 1.5YrCanc€	3.38E-07	0.00E+00										
	.319 ALL	480872.1	3666845	3.59E-07 1.5YrCanc€							0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1	.320 ALL	480892.1	3666845	3.83E-07 1.5YrCanc€					0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00
1	.321 ALL	480912.1	3666845	4.09E-07 1.5YrCanc€		0.00E+00										
	.322 ALL	480932.1	3666845	4.37E-07 1.5YrCanc€		0.00E+00										
	.323 ALL	480952.1	3666845	4.69E-07 1.5YrCanc€	4.69E-07	0.00E+00										
1	.324 ALL	480972.1	3666845	5.04E-07 1.5YrCanc€	5.04E-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
1	.325 ALL	480992.1	3666845	5.40E-07 1.5YrCanc€	5.40E-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
1	.326 ALL	481012.1	3666845	5.76E-07 1.5YrCanc€	5.76E-07	0.00E+00										
1	.327 ALL	480592.1	3666865	1.40E-07 1.5YrCanc€		0.00E+00										
	.328 ALL	480612.1	3666865	1.46E-07 1.5YrCanc€				0.00E+00			0.00E+00			0.00E+00	0.00E+00	0.00E+00
	.329 ALL	480632.1	3666865	1.57E-07 1.5YrCanc€	1.57E-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
1	.330 ALL	480652.1	3666865	1.66E-07 1.5YrCanc€		0.00E+00										
	.331 ALL	480672.1	3666865	1.77E-07 1.5YrCanc€				0.00E+00		0.00E+00						
	.332 ALL	480692.1	3666865	1.88E-07 1.5YrCanc€					0.00E+00			0.00E+00	0.00E+00	0.00E+00		0.00E+00
1	.333 ALL	480712.1	3666865	1.98E-07 1.5YrCanc€											0.00E+00	0.00E+00
	.334 ALL	480732.1	3666865	2.08E-07 1.5YrCanc€											0.00E+00	
	.335 ALL	480752.1	3666865	2.20E-07 1.5YrCanc€												
	.336 ALL	480772.1	3666865	2.33E-07 1.5YrCanc€												
	.337 ALL	480792.1	3666865	2.48E-07 1.5YrCanc€												
	.338 ALL	480812.1	3666865	2.61E-07 1.5YrCanc€												
	.339 ALL	480832.1		2.76E-07 1.5YrCanc€												
	.340 ALL	480852.1	3666865	2.93E-07 1.5YrCanc€												
	.341 ALL	480872.1	3666865	3.12E-07 1.5YrCanc€												
	.342 ALL	480892.1	3666865	3.34E-07 1.5YrCanc€												
	.343 ALL	480912.1	3666865	3.60E-07 1.5YrCanc€												
	.344 ALL	480932.1	3666865	3.85E-07 1.5YrCanc€												
	.345 ALL	480952.1	3666865	4.13E-07 1.5YrCanc€												
	.346 ALL	480972.1	3666865	4.46E-07 1.5YrCanc€												
	.347 ALL	480992.1	3666865	4.77E-07 1.5YrCanc€												
	.348 ALL	481012.1	3666865	5.09E-07 1.5YrCanc€											0.00E+00	
1	.349 ALL	480592.1	3666885	1.29E-07 1.5YrCanc€	1.29E-07	0.00E+00										

1350 ALL	480612.1	3666885	1.34E-07 1.5YrCance	1.34E-07	0.00E+00										
1351 ALL	480632.1	3666885	1.43E-07 1.5YrCanc€				0.00E+00			0.00E+00	0.00E+00		0.00E+00		
1352 ALL	480652.1	3666885	1.51E-07 1.5YrCanc€			0.00E+00	0.00E+00			0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00
1353 ALL	480672.1	3666885	1.59E-07 1.5YrCanc€	1.59E-07	0.00E+00										
1354 ALL	480692.1	3666885	1.67E-07 1.5YrCanc€		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	480712.1	3666885	1.76E-07 1.5YrCanc€	1.76E-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
1356 ALL	480732.1	3666885	1.84E-07 1.5YrCanc€		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	480752.1	3666885	1.93E-07 1.5YrCanc€							0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00
1358 ALL	480772.1	3666885	2.04E-07 1.5YrCanc€	2.04E-07	0.00E+00		0.00E+00								
1359 ALL	480792.1	3666885	2.16E-07 1.5YrCanc€				0.00E+00				0.00E+00		0.00E+00		0.00E+00
1360 ALL	480812.1	3666885	2.28E-07 1.5YrCanc€	2.28E-07	0.00E+00		0.00E+00		0.00E+00						
1361 ALL	480832.1	3666885	2.42E-07 1.5YrCanc€		0.00E+00										
1362 ALL	480852.1	3666885	2.57E-07 1.5YrCanc€		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	480872.1	3666885	2.73E-07 1.5YrCanc€			0.00E+00									
1364 ALL	480892.1	3666885	2.92E-07 1.5YrCanc€			0.00E+00									
1365 ALL	480912.1	3666885	3.14E-07 1.5YrCanc€				0.00E+00								
1366 ALL	480932.1	3666885	3.36E-07 1.5YrCanc€	3.36E-07	0.00E+00										
1367 ALL	480952.1	3666885	3.60E-07 1.5YrCanc€	3.60E-07	0.00E+00	0.00E+00	0.00E+00		0.00E+00						
1368 ALL	480972.1	3666885	3.89E-07 1.5YrCanc€	3.89E-07	0.00E+00										
1369 ALL	480992.1	3666885	4.15E-07 1.5YrCanc€	4.15E-07	0.00E+00	0.00E+00	0.00E+00		0.00E+00						
1370 ALL	481012.1	3666885	4.43E-07 1.5YrCanc€							0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1371 ALL	481032.1	3666885	4.71E-07 1.5YrCanc€	4.71E-07	0.00E+00										
1372 ALL	480612.1	3666905	1.27E-07 1.5YrCanc€	_	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	480632.1	3666905	1.35E-07 1.5YrCanc€	1.35E-07	0.00E+00	0.00E+00	0.00E+00		0.00E+00						
1374 ALL	480652.1	3666905	1.41E-07 1.5YrCanc€	1.41E-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
1375 ALL	480672.1	3666905	1.47E-07 1.5YrCanc€	_			0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1376 ALL	480692.1	3666905	1.53E-07 1.5YrCanc€	1.53E-07	0.00E+00										
1377 ALL	480712.1	3666905	1.60E-07 1.5YrCanc€	1.60E-07	0.00E+00										
1378 ALL	480732.1	3666905	1.67E-07 1.5YrCanc€				0.00E+00			0.00E+00	0.00E+00		0.00E+00		
1379 ALL	480752.1	3666905	1.75E-07 1.5YrCanc€	1.75E-07	0.00E+00										
1380 ALL	480772.1	3666905	1.84E-07 1.5YrCanc€	1.84E-07	0.00E+00										
1381 ALL	480792.1	3666905	1.93E-07 1.5YrCanc€				0.00E+00		0.00E+00	0.00E+00			0.00E+00		0.00E+00
1382 ALL	480812.1	3666905	2.03E-07 1.5YrCanc€	2.03E-07	0.00E+00										
1383 ALL	480832.1	3666905	2.17E-07 1.5YrCanc€	2.17E-07	0.00E+00										
1384 ALL	480852.1	3666905	2.31E-07 1.5YrCanc€	2.31E-07	0.00E+00										
1385 ALL	480872.1	3666905	2.44E-07 1.5YrCanc€	2.44E-07	0.00E+00										
1386 ALL	480892.1	3666905	2.59E-07 1.5YrCanc€	2.59E-07	0.00E+00										
1387 ALL	480912.1	3666905	2.78E-07 1.5YrCanc€	2.78E-07	0.00E+00										
1388 ALL	480932.1	3666905	2.97E-07 1.5YrCanc€	2.97E-07	0.00E+00										
1389 ALL	480952.1	3666905	3.18E-07 1.5YrCanc€												
1390 ALL	480972.1	3666905	3.42E-07 1.5YrCanc€	3.42E-07	0.00E+00										
1391 ALL	480992.1	3666905	3.65E-07 1.5YrCanc€	3.65E-07	0.00E+00										
1392 ALL	481012.1	3666905	3.89E-07 1.5YrCance	3.89E-07	0.00E+00										
1393 ALL	481032.1	3666905	4.13E-07 1.5YrCancε												
1394 ALL	480612.1	3666925	1.21E-07 1.5YrCance												
1395 ALL	480632.1	3666925	1.27E-07 1.5YrCanc€	1.27E-07	0.00E+00										
1396 ALL	480652.1	3666925	1.32E-07 1.5YrCance												
1397 ALL	480672.1	3666925	1.37E-07 1.5YrCanc€												
1398 ALL	480692.1	3666925	1.43E-07 1.5YrCanc€												
1399 ALL	480712.1	3666925	1.49E-07 1.5YrCanc€	1.49E-07	0.00E+00										

1400 ALL	480732.1	3666925	1.56E-07 1.5YrCanc€	1.56E-07	0.00E+00										
1401 ALL	480752.1	3666925	1.63E-07 1.5YrCanc€	1.63E-07	0.00E+00										
1402 ALL	480772.1	3666925	1.71E-07 1.5YrCanc€	1.71E-07	0.00E+00										
1403 ALL	480792.1	3666925	1.80E-07 1.5YrCance	1.80E-07	0.00E+00										
1404 ALL	480812.1	3666925	1.88E-07 1.5YrCanc€	1.88E-07	0.00E+00										
1405 ALL	480832.1	3666925	1.99E-07 1.5YrCance	1.99E-07	0.00E+00										
1406 ALL	480852.1	3666925	2.10E-07 1.5YrCance	2.10E-07	0.00E+00										
1407 ALL	480872.1	3666925	2.21E-07 1.5YrCance	2.21E-07	0.00E+00										
1408 ALL	480892.1	3666925	2.35E-07 1.5YrCance	2.35E-07	0.00E+00										
1409 ALL	480912.1	3666925	2.52E-07 1.5YrCance	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
1410 ALL	480932.1	3666925	2.69E-07 1.5YrCanc€	2.69E-07	0.00E+00		0.00E+00								
1411 ALL	480952.1	3666925	2.87E-07 1.5YrCanc€		0.00E+00										
1412 ALL	480972.1	3666925	3.10E-07 1.5YrCanc€		0.00E+00		0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1413 ALL	480992.1	3666925	3.31E-07 1.5YrCanc€		0.00E+00			0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1414 ALL	481012.1	3666925	3.52E-07 1.5YrCanc€			0.00E+00	0.00E+00			0.00E+00				0.00E+00	
1415 ALL	481032.1	3666925	3.72E-07 1.5YrCanc€				0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1416 ALL	480612.1	3666945	1.14E-07 1.5YrCanc€	1.14E-07	0.00E+00		0.00E+00		0.00E+00						
1417 ALL	480632.1	3666945	1.19E-07 1.5YrCanc€		0.00E+00		0.00E+00		0.00E+00						
1418 ALL	480652.1	3666945	1.24E-07 1.5YrCanc€	1.24E-07	0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00				0.00E+00
1419 ALL	480672.1	3666945	1.30E-07 1.5YrCanc€		0.00E+00		0.00E+00		0.00E+00	0.00E+00			0.00E+00	0.00E+00	0.00E+00
1420 ALL	480692.1	3666945	1.35E-07 1.5YrCanc€							0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1421 ALL	480712.1	3666945	1.41E-07 1.5YrCanc€				0.00E+00			0.00E+00	0.00E+00		0.00E+00		
1422 ALL	480732.1	3666945	1.47E-07 1.5YrCanc€	_							0.00E+00		0.00E+00		
1423 ALL	480752.1	3666945	1.55E-07 1.5YrCanc€		0.00E+00				0.00E+00	0.00E+00		0.00E+00			0.00E+00
1424 ALL	480772.1	3666945	1.62E-07 1.5YrCance				0.00E+00			0.00E+00	0.00E+00	0.00E+00			0.00E+00
1425 ALL	480792.1	3666945	1.70E-07 1.5YrCanc€				0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1426 ALL	480812.1	3666945	1.78E-07 1.5YrCanc€				0.00E+00			0.00E+00		0.00E+00	0.00E+00		0.00E+00
1427 ALL	480832.1	3666945	1.88E-07 1.5YrCanc€				0.00E+00			0.00E+00		0.00E+00		0.00E+00	
1428 ALL	480852.1	3666945	1.98E-07 1.5YrCanc€				0.00E+00			0.00E+00	0.00E+00		0.00E+00		
1429 ALL	480872.1	3666945	2.08E-07 1.5YrCanc€								0.00E+00		0.00E+00		
1430 ALL	480892.1	3666945	2.21E-07 1.5YrCance	_	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00			0.00E+00
1431 ALL	480912.1	3666945	2.38E-07 1.5YrCance				0.00E+00		0.00E+00	0.00E+00			0.00E+00		0.00E+00
1432 ALL	480932.1	3666945	2.54E-07 1.5YrCance				0.00E+00			0.00E+00	0.00E+00	0.00E+00		0.00E+00	
1433 ALL	480952.1	3666945	2.70E-07 1.5YrCance												
1434 ALL	480972.1	3666945	2.87E-07 1.5YrCance												
1435 ALL	480992.1	3666945	3.08E-07 1.5YrCanc€												
1436 ALL	481012.1	3666945	3.29E-07 1.5YrCance												
1437 ALL	481032.1	3666945	3.46E-07 1.5YrCance												
1438 ALL	481052.1	3666945	3.62E-07 1.5YrCance												
1439 ALL	480632.1		1.13E-07 1.5YrCance												
1440 ALL	480652.1		1.17E-07 1.5YrCance												
1441 ALL	480672.1	3666965	1.23E-07 1.5YrCance												
1442 ALL	480692.1	3666965	1.29E-07 1.5YrCance												
1443 ALL	480712.1	3666965	1.34E-07 1.5YrCance												
1444 ALL	480732.1	3666965	1.40E-07 1.5YrCance												
1445 ALL	480752.1		1.48E-07 1.5YrCance												
1446 ALL	480772.1	3666965	1.55E-07 1.5YrCance												
1447 ALL	480792.1	3666965	1.62E-07 1.5YrCance												
1448 ALL	480812.1	3666965	1.71E-07 1.5YrCance												
1449 ALL	480832.1	3666965	1.81E-07 1.5YrCance	1.81E-07	U.UUE+00										

1450 A	L 480852.1	3666965	1.92E-07 1.5YrCanc€	1.92E-07	0.00E+00										
1451 A	L 480872.1	3666965	2.02E-07 1.5YrCance	2.02E-07	0.00E+00										
1452 Al	L 480892.1	3666965	2.14E-07 1.5YrCance	2.14E-07	0.00E+00										
1453 Al	L 480912.1	3666965	2.31E-07 1.5YrCance	2.31E-07	0.00E+00										
1454 Al	L 480932.1	3666965	2.47E-07 1.5YrCance	2.47E-07	0.00E+00										
1455 Al	L 480952.1	3666965	2.61E-07 1.5YrCance	2.61E-07	0.00E+00										
1456 Al	L 480972.1	3666965	2.74E-07 1.5YrCance	2.74E-07	0.00E+00										
1457 Al	L 480992.1	3666965	2.93E-07 1.5YrCance	2.93E-07	0.00E+00										
1458 A	L 481012.1	3666965	3.12E-07 1.5YrCance	3.12E-07	0.00E+00										
1459 Al	L 481032.1	3666965	3.33E-07 1.5YrCance	3.33E-07	0.00E+00										
1460 A	L 481052.1	3666965	3.56E-07 1.5YrCance	3.56E-07	0.00E+00										
1461 A	L 480632.1	3666985	1.08E-07 1.5YrCanc€	1.08E-07	0.00E+00										
1462 A	L 480652.1	3666985	1.13E-07 1.5YrCance	1.13E-07	0.00E+00										
1463 A	L 480672.1	3666985	1.18E-07 1.5YrCance	1.18E-07	0.00E+00										
1464 Al	L 480692.1	3666985	1.24E-07 1.5YrCance	1.24E-07	0.00E+00										
1465 Al	L 480712.1	3666985	1.29E-07 1.5YrCance	1.29E-07	0.00E+00										
1466 A	L 480732.1	3666985	1.35E-07 1.5YrCance	1.35E-07	0.00E+00										
1467 A	L 480752.1	3666985	1.43E-07 1.5YrCanc€	1.43E-07	0.00E+00										
1468 A	L 480772.1	3666985	1.51E-07 1.5YrCance	1.51E-07	0.00E+00										
1469 A	L 480792.1	3666985	1.60E-07 1.5YrCanc€	1.60E-07	0.00E+00										
1470 A	L 480812.1	3666985	1.68E-07 1.5YrCance	1.68E-07	0.00E+00										
1471 A	L 480832.1	3666985	1.78E-07 1.5YrCance	1.78E-07	0.00E+00										
1472 A	L 480852.1	3666985	1.89E-07 1.5YrCanc€	1.89E-07	0.00E+00										
1473 A	L 480872.1	3666985	2.02E-07 1.5YrCanc€	2.02E-07	0.00E+00										
1474 A	L 480892.1	3666985	2.16E-07 1.5YrCance	2.16E-07	0.00E+00										
1475 A	L 480912.1	3666985	2.31E-07 1.5YrCanc€	2.31E-07	0.00E+00										
1476 A	L 480932.1	3666985	2.46E-07 1.5YrCanc€	2.46E-07	0.00E+00										
1477 A	L 480952.1	3666985	2.61E-07 1.5YrCanc€	2.61E-07	0.00E+00										
1478 A	L 480972.1	3666985	2.76E-07 1.5YrCanc€	2.76E-07	0.00E+00										
1479 Al	L 480992.1	3666985	2.96E-07 1.5YrCance	2.96E-07	0.00E+00										
1480 A	L 481012.1	3666985	3.16E-07 1.5YrCance	3.16E-07	0.00E+00										
1481 A	L 481032.1	3666985	3.36E-07 1.5YrCance	3.36E-07	0.00E+00	0.00E+00	0.00E+00		0.00E+00						
1482 Al	L 481052.1	3666985	3.58E-07 1.5YrCanc€	3.58E-07	0.00E+00										
1483 Al	L 481072.1	3666985	3.82E-07 1.5YrCance	3.82E-07	0.00E+00										
1484 Al	L 480652.1	3667005	1.10E-07 1.5YrCance	1.10E-07	0.00E+00										
1485 Al	L 480672.1	3667005	1.15E-07 1.5YrCance	1.15E-07	0.00E+00										
1486 A	L 480692.1	3667005	1.21E-07 1.5YrCance	1.21E-07	0.00E+00										
1487 Al	L 480712.1	3667005	1.26E-07 1.5YrCance	1.26E-07	0.00E+00										
1488 Al	L 480732.1	3667005	1.32E-07 1.5YrCance	1.32E-07	0.00E+00										
1489 Al	L 480752.1	3667005	1.40E-07 1.5YrCance	1.40E-07	0.00E+00										
1490 Al	L 480772.1	3667005	1.49E-07 1.5YrCanc€	1.49E-07	0.00E+00										
1491 A	L 480792.1	3667005	1.58E-07 1.5YrCance	1.58E-07	0.00E+00										
1492 AI	L 480812.1	3667005	1.68E-07 1.5YrCance	1.68E-07	0.00E+00										
1493 AI	L 480832.1	3667005	1.78E-07 1.5YrCanc€	1.78E-07	0.00E+00										
1494 AI	L 480852.1	3667005	1.91E-07 1.5YrCanc€	1.91E-07	0.00E+00										
1495 A	L 480872.1	3667005	2.06E-07 1.5YrCance	2.06E-07	0.00E+00										
1496 A	L 480892.1	3667005	2.22E-07 1.5YrCanc€	2.22E-07	0.00E+00										
1497 AI		3667005	2.37E-07 1.5YrCance	2.37E-07	0.00E+00										
1498 A	L 480932.1	3667005	2.52E-07 1.5YrCance	2.52E-07	0.00E+00										
1499 AI	L 480952.1	3667005	2.67E-07 1.5YrCanc€	2.67E-07	0.00E+00										

1500 ALL	480972.1	3667005	2.83E-07 1.5YrCance	2.83E-07	0.00E+00										
1501 ALL	480992.1	3667005	3.03E-07 1.5YrCanc€	3.03E-07	0.00E+00										
1502 ALL	481012.1	3667005	3.22E-07 1.5YrCanc€	3.22E-07	0.00E+00										
1503 ALL	481032.1	3667005	3.42E-07 1.5YrCanc€	3.42E-07	0.00E+00										
1504 ALL	481052.1	3667005	3.63E-07 1.5YrCanc€	3.63E-07	0.00E+00										
1505 ALL	481072.1	3667005	3.83E-07 1.5YrCanc€	3.83E-07	0.00E+00										
1506 ALL	480652.1	3667025	1.08E-07 1.5YrCanc€	1.08E-07	0.00E+00										
1507 ALL	480672.1	3667025	1.14E-07 1.5YrCanc€	1.14E-07	0.00E+00										
1508 ALL	480692.1	3667025	1.19E-07 1.5YrCanc€	1.19E-07	0.00E+00										
1509 ALL	480712.1	3667025	1.24E-07 1.5YrCanc€	1.24E-07	0.00E+00										
1510 ALL	480732.1	3667025	1.29E-07 1.5YrCanc€	1.29E-07	0.00E+00										
1511 ALL	480752.1	3667025	1.39E-07 1.5YrCanc€	1.39E-07	0.00E+00										
1512 ALL	480772.1	3667025	1.50E-07 1.5YrCanc€	1.50E-07	0.00E+00										
1513 ALL	480792.1	3667025	1.59E-07 1.5YrCanc€	1.59E-07	0.00E+00										
1514 ALL	480812.1	3667025	1.68E-07 1.5YrCanc€	1.68E-07	0.00E+00										
1515 ALL	480832.1	3667025	1.81E-07 1.5YrCanc€	1.81E-07	0.00E+00										
1516 ALL	480852.1	3667025	1.96E-07 1.5YrCanc€	1.96E-07	0.00E+00										
1517 ALL	480872.1	3667025	2.14E-07 1.5YrCance	2.14E-07	0.00E+00										
1518 ALL	480892.1	3667025	2.31E-07 1.5YrCance	2.31E-07	0.00E+00										
1519 ALL	480912.1	3667025	2.46E-07 1.5YrCance	2.46E-07	0.00E+00										
1520 ALL	480932.1	3667025	2.61E-07 1.5YrCance	2.61E-07	0.00E+00										
1521 ALL	480952.1	3667025	2.77E-07 1.5ΥrCancε	2.77E-07	0.00E+00										
1522 ALL	480972.1	3667025	2.92E-07 1.5YrCance	2.92E-07	0.00E+00										
1523 ALL	480992.1	3667025	3.10E-07 1.5YrCance	3.10E-07	0.00E+00										
1524 ALL	481012.1	3667025	3.28E-07 1.5YrCance	3.28E-07	0.00E+00										
1525 ALL	481032.1	3667025	3.48E-07 1.5YrCance	3.48E-07	0.00E+00										
1526 ALL	481052.1	3667025	3.68E-07 1.5YrCance	3.68E-07	0.00E+00										
1527 ALL	481072.1	3667025	3.84E-07 1.5YrCance	3.84E-07	0.00E+00										
1528 ALL	481092.1	3667025	4.04Ε-07 1.5YrCancε	4.04E-07	0.00E+00										
1529 ALL	480672.1	3667045	1.14E-07 1.5YrCance	1.14E-07	0.00E+00										
1530 ALL	480692.1	3667045	1.20E-07 1.5YrCanc€	1.20E-07	0.00E+00										
1531 ALL	480712.1	3667045	1.28E-07 1.5ΥrCance	1.28E-07	0.00E+00										
1532 ALL	480732.1	3667045	1.35E-07 1.5YrCance	1.35E-07	0.00E+00										
1533 ALL	480752.1	3667045	1.44E-07 1.5YrCance	1.44E-07	0.00E+00										
1534 ALL	480772.1	3667045	1.56E-07 1.5YrCance	1.56E-07	0.00E+00										
1535 ALL	480792.1	3667045	1.67E-07 1.5YrCanc€	1.67E-07	0.00E+00										
1536 ALL	480812.1	3667045	1.79E-07 1.5YrCanc€	1.79E-07	0.00E+00										
1537 ALL	480832.1	3667045	1.92E-07 1.5YrCanc€	1.92E-07	0.00E+00										
1538 ALL	480852.1	3667045	2.07E-07 1.5YrCanc€	2.07E-07	0.00E+00										
1539 ALL	480872.1	3667045	2.23E-07 1.5YrCance	2.23E-07	0.00E+00										
1540 ALL	480892.1	3667045	2.42E-07 1.5YrCance	2.42E-07	0.00E+00										
1541 ALL	480912.1	3667045	2.55E-07 1.5YrCanc€	2.55E-07	0.00E+00										
1542 ALL	480932.1	3667045	2.69E-07 1.5YrCanc€	2.69E-07	0.00E+00										
1543 ALL	480952.1	3667045	2.84E-07 1.5YrCanc€									0.00E+00			
1544 ALL	480972.1	3667045	2.99E-07 1.5YrCanc€												0.00E+00
1545 ALL	480992.1	3667045	3.17E-07 1.5YrCanc€												0.00E+00
1546 ALL	481012.1	3667045	3.30E-07 1.5YrCanc€					0.00E+00							
1547 ALL	481032.1	3667045	3.43E-07 1.5YrCanc€												
1548 ALL	481052.1	3667045	3.62E-07 1.5YrCanc€									0.00E+00			
1549 ALL	481072.1		3.77E-07 1.5YrCance												0.00E+00
					_	_	_	_	_	_	_	_	_	_	

1550 ALL	481092.1	3667045	3.98E-07 1.5YrCanc€	3.98E-07	0.00E+00										
1551 ALL	480672.1	3667065	1.17E-07 1.5YrCanc€	_			0.00E+00			0.00E+00	0.00E+00		0.00E+00		
1552 ALL	480692.1	3667065	1.24E-07 1.5YrCanc€			0.00E+00	0.00E+00			0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00
1553 ALL	480712.1	3667065	1.35E-07 1.5YrCanc€		0.00E+00										
1554 ALL	480732.1	3667065	1.43E-07 1.5YrCanc€		0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00
1555 ALL	480752.1	3667065	1.53E-07 1.5YrCanc€	1.53E-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
1556 ALL	480772.1	3667065	1.65E-07 1.5YrCanc€		0.00E+00		0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1557 ALL	480792.1	3667065	1.78E-07 1.5YrCanc€							0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00
1558 ALL	480812.1	3667065	1.91E-07 1.5YrCanc€			0.00E+00									
1559 ALL	480832.1	3667065	2.03E-07 1.5YrCanc€			0.00E+00	0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1560 ALL	480852.1	3667065	2.16E-07 1.5YrCanc€		0.00E+00		0.00E+00		0.00E+00						
1561 ALL	480872.1	3667065	2.31E-07 1.5YrCancε		0.00E+00	0.00E+00	0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1562 ALL	480892.1	3667065	2.49E-07 1.5YrCanc€		0.00E+00		0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00
1563 ALL	480912.1	3667065	2.62E-07 1.5YrCanc€		0.00E+00			0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1564 ALL	480932.1	3667065	2.73E-07 1.5YrCanc€				0.00E+00			0.00E+00	0.00E+00		0.00E+00		
1565 ALL	480952.1	3667065	2.85E-07 1.5YrCanc€				0.00E+00					0.00E+00	0.00E+00		
1566 ALL	480972.1	3667065	2.99E-07 1.5YrCanc€				0.00E+00			0.00E+00	0.00E+00		0.00E+00		
1567 ALL	480992.1	3667065	3.16E-07 1.5YrCance		0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00
1568 ALL	481012.1	3667065	3.27E-07 1.5YrCance	_			0.00E+00		0.00E+00	0.00E+00	0.00E+00				0.00E+00
1569 ALL	481032.1	3667065	3.40E-07 1.5YrCanc€		0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00		0.00E+00		0.00E+00
1570 ALL	481052.1	3667065	3.56E-07 1.5YrCanc€							0.00E+00		0.00E+00	0.00E+00		
1571 ALL	481072.1	3667065	3.70E-07 1.5YrCance				0.00E+00				0.00E+00		0.00E+00		
1572 ALL	481092.1	3667065	3.89E-07 1.5YrCanc€								0.00E+00		0.00E+00		
1573 ALL	480672.1	3667085	1.23E-07 1.5YrCanc€		0.00E+00		0.00E+00		0.00E+00	0.00E+00		0.00E+00			0.00E+00
1574 ALL	480692.1	3667085	1.32E-07 1.5YrCanc€				0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00
1575 ALL	480712.1	3667085	1.41E-07 1.5YrCanc€	_			0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1576 ALL	480732.1	3667085	1.51E-07 1.5YrCanc€				0.00E+00			0.00E+00		0.00E+00	0.00E+00		0.00E+00
1577 ALL	480752.1	3667085	1.62E-07 1.5YrCanc€				0.00E+00			0.00E+00	0.00E+00	0.00E+00		0.00E+00	
1578 ALL	480772.1	3667085	1.74E-07 1.5YrCanc€	-			0.00E+00			0.00E+00	0.00E+00		0.00E+00		
1579 ALL	480792.1	3667085	1.86E-07 1.5YrCanc€								0.00E+00		0.00E+00		
1580 ALL	480812.1	3667085	1.98E-07 1.5YrCance		0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00			0.00E+00
1581 ALL	480832.1	3667085	2.09E-07 1.5YrCance				0.00E+00		0.00E+00	0.00E+00	0.00E+00		0.00E+00		0.00E+00
1582 ALL	480852.1	3667085	2.21E-07 1.5YrCanc€				0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	
1583 ALL	480872.1	3667085	2.36E-07 1.5YrCance												
1584 ALL	480892.1	3667085	2.50E-07 1.5YrCance												
1585 ALL	480912.1	3667085	2.63E-07 1.5YrCanc€												
1586 ALL	480932.1	3667085	2.69E-07 1.5YrCanc€												
1587 ALL	480952.1	3667085	2.74E-07 1.5YrCanc€												
1588 ALL	480972.1	3667085	2.88E-07 1.5YrCanc€												
1589 ALL	480992.1	3667085	3.03E-07 1.5YrCance												
1590 ALL	481012.1	3667085	3.20E-07 1.5YrCanc€												
1591 ALL	481032.1	3667085	3.37E-07 1.5YrCance												
1592 ALL	481052.1	3667085	3.51E-07 1.5YrCanc€												
1593 ALL	481072.1	3667085	3.61E-07 1.5YrCance												
1594 ALL	481092.1	3667085	3.74E-07 1.5YrCance												
1595 ALL	481112.1	3667085	3.88E-07 1.5YrCance												
1596 ALL	480692.1	3667105	1.39E-07 1.5YrCanc€												
1597 ALL	480712.1	3667105	1.48E-07 1.5YrCanc€												
1598 ALL	480732.1	3667105	1.58E-07 1.5YrCance												
1599 ALL	480752.1	3667105	1.68E-07 1.5YrCanc€	1.68E-07	0.00E+00										

1600 ALL	480772.1	3667105	1.79E-07 1.5YrCanc€	1.79E-07	0.00E+00										
1601 ALL	480792.1	3667105	1.91E-07 1.5YrCanc€	1.91E-07	0.00E+00										
1602 ALL	480812.1	3667105	2.01E-07 1.5YrCance	2.01E-07	0.00E+00										
1603 ALL	480832.1	3667105	2.11E-07 1.5YrCance	2.11E-07	0.00E+00										
1604 ALL	480852.1	3667105	2.24E-07 1.5YrCance	2.24E-07	0.00E+00										
1605 ALL	480872.1	3667105	2.37E-07 1.5YrCance	2.37E-07	0.00E+00										
1606 ALL	480892.1	3667105	2.46E-07 1.5YrCance	2.46E-07	0.00E+00										
1607 ALL	480912.1	3667105	2.56E-07 1.5YrCanc€	2.56E-07	0.00E+00										
1608 ALL	480932.1	3667105	2.63E-07 1.5YrCanc€	2.63E-07	0.00E+00										
1609 ALL	480952.1	3667105	2.71E-07 1.5YrCanc€	2.71E-07	0.00E+00										
1610 ALL	480972.1	3667105	2.83E-07 1.5YrCanc€	2.83E-07	0.00E+00										
1611 ALL	480992.1	3667105	2.94E-07 1.5YrCance	2.94E-07	0.00E+00										
1612 ALL	481012.1	3667105	3.07E-07 1.5YrCanc€	3.07E-07	0.00E+00										
1613 ALL	481032.1	3667105	3.20E-07 1.5YrCance	3.20E-07	0.00E+00										
1614 ALL	481052.1	3667105	3.30E-07 1.5YrCance	3.30E-07	0.00E+00										
1615 ALL	481072.1	3667105	3.34E-07 1.5YrCance	3.34E-07	0.00E+00										
1616 ALL	480692.1	3667125	1.43E-07 1.5YrCance	1.43E-07	0.00E+00										
1617 ALL	480712.1	3667125	1.52E-07 1.5YrCance	1.52E-07	0.00E+00										
1618 ALL	480732.1	3667125	1.61E-07 1.5YrCance	1.61E-07	0.00E+00										
1619 ALL	480752.1	3667125	1.71E-07 1.5YrCance	1.71E-07	0.00E+00										
1620 ALL	480772.1	3667125	1.81E-07 1.5YrCance	1.81E-07	0.00E+00										
1621 ALL	480792.1	3667125	1.92E-07 1.5YrCance	1.92E-07	0.00E+00										
1622 ALL	480812.1	3667125	2.00E-07 1.5YrCance	2.00E-07	0.00E+00										
1623 ALL	480832.1	3667125	2.11E-07 1.5YrCance	2.11E-07	0.00E+00										
1624 ALL	480852.1	3667125	2.22E-07 1.5YrCanc€	2.22E-07	0.00E+00										
1625 ALL	480872.1	3667125	2.32E-07 1.5YrCance	2.32E-07	0.00E+00										
1626 ALL	480892.1	3667125	2.38E-07 1.5YrCanc€	2.38E-07	0.00E+00										
1627 ALL	480912.1	3667125	2.44E-07 1.5YrCanc€		0.00E+00										
1628 ALL	480932.1	3667125	2.53E-07 1.5YrCanc€				0.00E+00							0.00E+00	
1629 ALL	480952.1	3667125	2.62E-07 1.5YrCanc€		0.00E+00										
1630 ALL	480972.1	3667125	2.71E-07 1.5YrCanc€	_			0.00E+00								0.00E+00
1631 ALL	480992.1	3667125	2.77E-07 1.5YrCanc€	_										0.00E+00	
1632 ALL	481012.1	3667125	2.85E-07 1.5YrCanc€				0.00E+00							0.00E+00	
1633 ALL	481032.1	3667125	2.93E-07 1.5YrCanc€												
1634 ALL	480712.1	3667145	1.54E-07 1.5YrCanc€												
1635 ALL	480732.1	3667145	1.61E-07 1.5YrCance												
1636 ALL	480752.1	3667145	1.71E-07 1.5YrCance												
1637 ALL	480772.1	3667145	1.81E-07 1.5YrCance												
1638 ALL	480792.1	3667145	1.92E-07 1.5YrCance												
1639 ALL	480812.1	3667145	2.00E-07 1.5YrCance												
1640 ALL	480832.1	3667145	2.09E-07 1.5YrCance												
1641 ALL	480852.1	3667145	2.17E-07 1.5YrCance												
1642 ALL	480872.1	3667145	2.23E-07 1.5YrCance												
1643 ALL	480892.1	3667145	2.27E-07 1.5YrCance											0.00E+00	
1644 ALL	480912.1	3667145	2.32E-07 1.5YrCance												
1645 ALL	480932.1	3667145	2.38E-07 1.5YrCance												
1646 ALL	480952.1	3667145	2.44E-07 1.5YrCance												
1647 ALL	480972.1	3667145	2.49E-07 1.5YrCance												
1648 ALL	480992.1	3667145	2.51E-07 1.5YrCance												
1649 ALL	480712.1	366/165	1.53E-07 1.5YrCanc€	1.53E-07	U.UUE+00										

16	50 ALL	480732.1	3667165	1.61E-07 1.5YrCanc€	1.61E-07	0.00E+00										
16	51 ALL	480752.1	3667165	1.70E-07 1.5YrCanc€	1.70E-07	0.00E+00										
16	52 ALL	480772.1	3667165	1.78E-07 1.5YrCanc€	1.78E-07	0.00E+00										
16	53 ALL	480792.1	3667165	1.86E-07 1.5YrCanc€	1.86E-07	0.00E+00										
16	54 ALL	480812.1	3667165	1.94E-07 1.5YrCanc€	1.94E-07	0.00E+00										
16	55 ALL	480832.1	3667165	1.97E-07 1.5YrCanc€	1.97E-07	0.00E+00										
16	56 ALL	480852.1	3667165	2.00E-07 1.5YrCanc€	2.00E-07	0.00E+00										
16	57 ALL	480872.1	3667165	2.04E-07 1.5YrCanc€	2.04E-07	0.00E+00										
16	58 ALL	480892.1	3667165	2.08E-07 1.5YrCanc€	2.08E-07	0.00E+00										
16	59 ALL	480912.1	3667165	2.12E-07 1.5YrCanc€	2.12E-07	0.00E+00										
16	60 ALL	480932.1	3667165	2.17E-07 1.5YrCanc€	2.17E-07	0.00E+00										
16	61 ALL	480952.1	3667165	2.21E-07 1.5YrCanc€	2.21E-07	0.00E+00										
16	62 ALL	480712.1	3667185	1.50E-07 1.5YrCanc€	1.50E-07	0.00E+00										
16	63 ALL	480732.1	3667185	1.58E-07 1.5YrCanc€	1.58E-07	0.00E+00										
16	64 ALL	480752.1	3667185	1.66E-07 1.5YrCanc€	1.66E-07	0.00E+00										
16	65 ALL	480772.1	3667185	1.72E-07 1.5YrCanc€	1.72E-07	0.00E+00										
16	66 ALL	480792.1	3667185	1.76E-07 1.5YrCanc€	1.76E-07	0.00E+00										
16	67 ALL	480812.1	3667185	1.82E-07 1.5YrCanc€	1.82E-07	0.00E+00										
16	68 ALL	480832.1	3667185	1.82E-07 1.5YrCanc€	1.82E-07	0.00E+00										
16	69 ALL	480852.1	3667185	1.81E-07 1.5YrCanc€	1.81E-07	0.00E+00										
16	70 ALL	480872.1	3667185	1.83E-07 1.5YrCanc€	1.83E-07	0.00E+00										
16	71 ALL	480892.1	3667185	1.85E-07 1.5YrCanc€	1.85E-07	0.00E+00										
16	72 ALL	480912.1	3667185	1.89E-07 1.5YrCanc€	1.89E-07	0.00E+00										
16	73 ALL	480732.1	3667205	1.51E-07 1.5YrCanc€	1.51E-07	0.00E+00										
16	74 ALL	480752.1	3667205	1.57E-07 1.5YrCanc€	1.57E-07	0.00E+00										
16	75 ALL	480772.1	3667205	1.61E-07 1.5YrCanc€	1.61E-07	0.00E+00										
16	76 ALL	480792.1	3667205	1.62E-07 1.5YrCanc€	1.62E-07	0.00E+00										
16	77 ALL	480812.1	3667205	1.64E-07 1.5YrCanc€	1.64E-07	0.00E+00										
16	78 ALL	480832.1	3667205	1.65E-07 1.5YrCanc€	1.65E-07	0.00E+00										
16	79 ALL	480852.1	3667205	1.66E-07 1.5YrCance	1.66E-07	0.00E+00										
16	80 ALL	480872.1	3667205	1.67E-07 1.5YrCanc€	1.67E-07	0.00E+00										
16	81 ALL	480892.1	3667205	1.67E-07 1.5YrCanc€	1.67E-07	0.00E+00										
16	82 ALL	480912.1	3667205	1.68E-07 1.5YrCanc€	1.68E-07	0.00E+00										
	83 ALL	480932.1	3667205	1.71E-07 1.5YrCanc€												
16	84 ALL	480732.1	3667225	1.41E-07 1.5YrCanc€	1.41E-07	0.00E+00										
16	85 ALL	480752.1	3667225	1.44E-07 1.5YrCanc€	1.44E-07	0.00E+00										
16	86 ALL	480772.1	3667225	1.46E-07 1.5YrCanc€	1.46E-07	0.00E+00										
16	87 ALL	480792.1	3667225	1.46E-07 1.5YrCanc€	1.46E-07	0.00E+00										
16	88 ALL	480812.1	3667225	1.46E-07 1.5YrCanc€	1.46E-07	0.00E+00										
	89 ALL	480832.1	3667225	1.47E-07 1.5YrCanc€	1.47E-07	0.00E+00										
	90 ALL	480852.1	3667225	1.48E-07 1.5YrCanc€	1.48E-07	0.00E+00										
	91 ALL	480872.1	3667225	1.49E-07 1.5YrCanc€	1.49E-07	0.00E+00										
16	92 ALL	480892.1	3667225	1.51E-07 1.5YrCanc€	1.51E-07	0.00E+00										
16	93 ALL	480912.1	3667225	1.54E-07 1.5YrCanc€	1.54E-07	0.00E+00										
	94 ALL	480932.1	3667225	1.59E-07 1.5YrCanc€											0.00E+00	0.00E+00
	95 ALL	480752.1	3667245	1.29E-07 1.5YrCanc€											0.00E+00	
	96 ALL	480772.1	3667245	1.30E-07 1.5YrCanc€											0.00E+00	
	97 ALL	480792.1	3667245	1.30E-07 1.5YrCanc€												
	98 ALL	480812.1	3667245	1.31E-07 1.5YrCanc€												
16	99 ALL	480832.1	3667245	1.32E-07 1.5YrCanc€	1.32E-07	0.00E+00										

1700 ALL	480852.1	3667245	1.35E-07 1.5YrCanc€	1.35E-07	0.00E+00										
1701 ALL	480872.1	3667245	1.37E-07 1.5YrCanc€	1.37E-07	0.00E+00										
1702 ALL	480892.1	3667245	1.42E-07 1.5YrCanc€	1.42E-07	0.00E+00										
1703 ALL	480912.1	3667245	1.47E-07 1.5YrCanc€	1.47E-07	0.00E+00										
1704 ALL	480932.1	3667245	1.55E-07 1.5YrCanc€	1.55E-07	0.00E+00										
1705 ALL	480952.1	3667245	1.64E-07 1.5YrCanc€	1.64E-07	0.00E+00										
1706 ALL	480752.1	3667265	1.14E-07 1.5YrCanc€	1.14E-07	0.00E+00										
1707 ALL	480772.1	3667265	1.15E-07 1.5YrCanc€	1.15E-07	0.00E+00										
1708 ALL	480792.1	3667265	1.17E-07 1.5YrCanc€	1.17E-07	0.00E+00										
1709 ALL	480812.1	3667265	1.20E-07 1.5YrCanc€	1.20E-07	0.00E+00										
1710 ALL	480832.1	3667265	1.23E-07 1.5YrCanc€	1.23E-07	0.00E+00										
1711 ALL	480852.1	3667265	1.26E-07 1.5YrCanc€	1.26E-07	0.00E+00										
1712 ALL	480872.1	3667265	1.30E-07 1.5YrCanc€	1.30E-07	0.00E+00										
1713 ALL	480892.1	3667265	1.37E-07 1.5YrCanc€	1.37E-07	0.00E+00										
1714 ALL	480912.1	3667265	1.45E-07 1.5YrCanc€	1.45E-07	0.00E+00										
1715 ALL	480932.1	3667265	1.55E-07 1.5YrCanc€	1.55E-07	0.00E+00										
1716 ALL	480952.1	3667265	1.65E-07 1.5YrCanc€		0.00E+00										
1717 ALL	480992.1	3667265	1.87E-07 1.5YrCance	1.87E-07	0.00E+00										
1718 ALL	481012.1	3667265	1.99E-07 1.5YrCance	1.99E-07	0.00E+00										
1719 ALL	481032.1	3667265	2.12E-07 1.5YrCance	2.12E-07	0.00E+00										
1720 ALL	480772.1	3667285	1.07E-07 1.5YrCance	1.07E-07	0.00E+00										
1721 ALL	480792.1	3667285	1.10E-07 1.5YrCanc€	1.10E-07	0.00E+00										
1722 ALL	480812.1	3667285	1.14E-07 1.5YrCancε	1.14E-07	0.00E+00										
1723 ALL	480832.1	3667285	1.18E-07 1.5YrCancε	1.18E-07	0.00E+00										
1724 ALL	480852.1	3667285	1.23E-07 1.5YrCanc€	1.23E-07	0.00E+00										
1725 ALL	480872.1	3667285	1.30E-07 1.5YrCance	1.30E-07	0.00E+00										
1726 ALL	480892.1	3667285	1.38E-07 1.5YrCance	1.38E-07	0.00E+00										
1727 ALL	480912.1	3667285	1.46E-07 1.5YrCance	1.46E-07	0.00E+00										
1728 ALL	480932.1	3667285	1.55E-07 1.5YrCanc€	1.55E-07	0.00E+00										
1729 ALL	480952.1	3667285	1.66E-07 1.5YrCanc€	1.66E-07	0.00E+00										
1730 ALL	480972.1	3667285	1.78E-07 1.5YrCanc€	1.78E-07	0.00E+00										
1731 ALL	480992.1	3667285	1.88E-07 1.5YrCanc€	1.88E-07	0.00E+00										
1732 ALL	481012.1	3667285	1.99E-07 1.5YrCanc€	1.99E-07	0.00E+00										
1733 ALL	481032.1	3667285	2.11E-07 1.5YrCanc€	2.11E-07	0.00E+00										
1734 ALL	481052.1	3667285	2.23E-07 1.5YrCanc€	2.23E-07	0.00E+00										
1735 ALL	480772.1	3667305	1.03E-07 1.5YrCanc€	1.03E-07	0.00E+00										
1736 ALL	480792.1	3667305	1.08E-07 1.5YrCanc€	1.08E-07	0.00E+00										
1737 ALL	480812.1	3667305	1.12E-07 1.5YrCanc€	1.12E-07	0.00E+00										
1738 ALL	480832.1	3667305	1.18E-07 1.5YrCanc€	1.18E-07	0.00E+00										
1739 ALL	480852.1	3667305	1.24E-07 1.5YrCanc€												
1740 ALL	480872.1	3667305	1.32E-07 1.5YrCanc€	1.32E-07	0.00E+00										
1741 ALL	480892.1	3667305	1.41E-07 1.5YrCanc€	1.41E-07	0.00E+00										
1742 ALL	480912.1	3667305	1.48E-07 1.5YrCanc€												
1743 ALL	480932.1	3667305	1.57E-07 1.5YrCanc€												
1744 ALL	480952.1	3667305	1.67E-07 1.5YrCanc€												
1745 ALL	480972.1	3667305	1.79E-07 1.5YrCanc€												
1746 ALL	480992.1	3667305	1.89E-07 1.5YrCanc€												
1747 ALL	481012.1	3667305	1.99E-07 1.5YrCanc€												
1748 ALL	481032.1	3667305	2.08E-07 1.5YrCanc€												
1749 ALL	481052.1		2.18E-07 1.5YrCanc€												

1750 ALL	480772.1	3667325	1.03E-07 1.5YrCance									0.00E+00		0.00E+00	
1751 ALL	480792.1	3667325	1.08E-07 1.5YrCance					0.00E+00				0.00E+00		0.00E+00	
1752 ALL	480812.1	3667325	1.14E-07 1.5YrCanc€					0.00E+00				0.00E+00			
1753 ALL	480832.1	3667325	1.20E-07 1.5YrCanc€						0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1754 ALL	480852.1	3667325	1.26E-07 1.5YrCanc€			0.00E+00				0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00
1755 ALL	480872.1	3667325	1.34E-07 1.5YrCanc€					0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1756 ALL	480892.1	3667325	1.42E-07 1.5YrCanc€	1.42E-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
1757 ALL	480912.1	3667325	1.49E-07 1.5YrCanc€	1.49E-07	0.00E+00										
1758 ALL	480932.1	3667325	1.58E-07 1.5YrCanc€	1.58E-07	0.00E+00										
1759 ALL	480952.1	3667325	1.70E-07 1.5YrCance	1.70E-07	0.00E+00										
1760 ALL	480972.1	3667325	1.81E-07 1.5YrCance	1.81E-07	0.00E+00										
1761 ALL	480992.1	3667325	1.90E-07 1.5YrCance	1.90E-07	0.00E+00										
1762 ALL	481012.1	3667325	1.98E-07 1.5YrCanc€	1.98E-07	0.00E+00										
1763 ALL	481032.1	3667325	2.05E-07 1.5YrCanc€	2.05E-07	0.00E+00										
1764 ALL	481052.1	3667325	2.13E-07 1.5YrCanc€	2.13E-07	0.00E+00										
1765 ALL	481072.1	3667325	2.22E-07 1.5YrCanc€	2.22E-07	0.00E+00										
1766 ALL	481132.1	3667325	2.54E-07 1.5YrCanc€	2.54E-07	0.00E+00										
1767 ALL	481152.1	3667325	2.65E-07 1.5YrCance	2.65E-07	0.00E+00										
1768 ALL	481172.1	3667325	2.81E-07 1.5YrCance	2.81E-07	0.00E+00										
1769 ALL	481192.1	3667325	2.99E-07 1.5YrCanc€	2.99E-07	0.00E+00										
1770 ALL	480792.1	3667345	1.09E-07 1.5YrCanc€	1.09E-07	0.00E+00										
1771 ALL	480812.1	3667345	1.16E-07 1.5YrCanc€	1.16E-07	0.00E+00										
1772 ALL	480832.1	3667345	1.22E-07 1.5YrCanc€	1.22E-07	0.00E+00										
1773 ALL	480852.1	3667345	1.28E-07 1.5YrCanc€	1.28E-07	0.00E+00										
1774 ALL	480872.1	3667345	1.36E-07 1.5YrCanc€	1.36E-07	0.00E+00										
1775 ALL	480892.1	3667345	1.44E-07 1.5YrCance	1.44E-07	0.00E+00										
1776 ALL	480912.1	3667345	1.50E-07 1.5YrCanc€	1.50E-07	0.00E+00										
1777 ALL	480932.1	3667345	1.60E-07 1.5YrCance		0.00E+00		0.00E+00	0.00E+00							
1778 ALL	480952.1	3667345	1.71E-07 1.5YrCance	1.71E-07	0.00E+00										
1779 ALL	480972.1	3667345	1.80E-07 1.5YrCance	1.80E-07	0.00E+00										
1780 ALL	480992.1	3667345	1.87E-07 1.5YrCance						0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1781 ALL	481012.1	3667345	1.94E-07 1.5YrCance	1.94E-07	0.00E+00										
1782 ALL	481032.1	3667345	2.00E-07 1.5YrCance	2.00E-07	0.00E+00										
1783 ALL	481052.1	3667345	2.06E-07 1.5YrCance		0.00E+00										
1784 ALL	481072.1	3667345	2.14E-07 1.5YrCanc€	2.14E-07	0.00E+00										
1785 ALL	481092.1	3667345	2.23E-07 1.5YrCance												
1786 ALL	481112.1	3667345	2.34E-07 1.5YrCanc€												
1787 ALL	481132.1	3667345	2.45E-07 1.5YrCance												
1788 ALL	481152.1	3667345	2.57E-07 1.5YrCanc€												
1789 ALL	481172.1	3667345	2.73E-07 1.5YrCanc€												
1790 ALL	481192.1	3667345	2.91E-07 1.5YrCanc€												
1791 ALL	480792.1	3667365	1.11E-07 1.5YrCanc€												
1792 ALL	480812.1		1.17E-07 1.5YrCance												
1793 ALL	480832.1	3667365	1.23E-07 1.5YrCance												
1794 ALL	480852.1	3667365	1.29E-07 1.5YrCance												
1795 ALL	480872.1	3667365	1.37E-07 1.5YrCance												
1796 ALL	480892.1	3667365	1.45E-07 1.5YrCance												
1790 ALL 1797 ALL	480912.1	3667365	1.51E-07 1.5YrCance												
1797 ALL 1798 ALL	480932.1	3667365	1.60E-07 1.5YrCance											0.00E+00	
1798 ALL 1799 ALL			1.69E-07 1.5YrCance												
1/JJ ALL	480952.1	3667365	T.USE-U/ T.STICALICE	1.U3E-U/	0.00E+00	U.UUE+UU	0.00E+00	U.UUE+UU	0.00E+00	0.00E+00	U.UUE+UU	0.00E+00	U.UUE+UU	U.UUE+UU	0.000+00

1800 ALL	480972.1	3667365	1.76E-07 1.5YrCanc€	1.76E-07	0.00E+00										
1801 ALL	480992.1	3667365	1.82E-07 1.5YrCance		0.00E+00										
1802 ALL	481012.1	3667365	1.87E-07 1.5YrCanc€	1.87E-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
1803 ALL	481032.1	3667365	1.93E-07 1.5YrCanc€	1.93E-07	0.00E+00										
1804 ALL	481052.1	3667365	1.98E-07 1.5YrCanc€	1.98E-07	0.00E+00										
1805 ALL	481072.1	3667365	2.06E-07 1.5YrCanc€	2.06E-07	0.00E+00										
1806 ALL	481092.1	3667365	2.15E-07 1.5YrCancε	2.15E-07	0.00E+00										
1807 ALL	481112.1	3667365	2.26E-07 1.5YrCanc€	2.26E-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
1808 ALL	481132.1	3667365	2.37E-07 1.5YrCanc€	2.37E-07	0.00E+00										
1809 ALL	481152.1	3667365	2.50E-07 1.5YrCanc€	2.50E-07	0.00E+00										
1810 ALL	481172.1	3667365	2.67E-07 1.5YrCanc€	2.67E-07		0.00E+00	0.00E+00		0.00E+00						
1811 ALL	481192.1	3667365	2.84E-07 1.5YrCanc€	2.84E-07	0.00E+00										
1812 ALL	480812.1	3667385	1.17E-07 1.5YrCanc€	1.17E-07	0.00E+00										
1813 ALL	480832.1	3667385	1.24E-07 1.5YrCanc€	1.24E-07	0.00E+00										
1814 ALL	480852.1	3667385	1.31E-07 1.5YrCanc€			0.00E+00	0.00E+00			0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00
1815 ALL	480872.1	3667385	1.39E-07 1.5YrCanc€			0.00E+00									
1816 ALL	480892.1	3667385	1.45E-07 1.5YrCanc€	1.45E-07	0.00E+00										
1817 ALL	480912.1	3667385	1.51E-07 1.5YrCanc€		0.00E+00		0.00E+00		0.00E+00						
1818 ALL	480932.1	3667385	1.57E-07 1.5YrCanc€	1.57E-07	0.00E+00		0.00E+00								
1819 ALL	480952.1	3667385	1.63E-07 1.5YrCanc€		0.00E+00		0.00E+00		0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00
1820 ALL	480972.1	3667385	1.68E-07 1.5YrCanc€							0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00
1821 ALL	480992.1	3667385	1.74E-07 1.5YrCanc€	1.74E-07	0.00E+00										
1822 ALL	481012.1	3667385	1.80E-07 1.5YrCanc€			0.00E+00	0.00E+00			0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00
1823 ALL	481032.1	3667385	1.87E-07 1.5YrCanc€		0.00E+00	0.00E+00			0.00E+00						
1824 ALL	481052.1	3667385	1.94E-07 1.5YrCanc€	1.94E-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
1825 ALL	481072.1	3667385	2.01E-07 1.5YrCanc€			0.00E+00	0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1826 ALL	481092.1	3667385	2.09E-07 1.5YrCanc€	2.09E-07	0.00E+00										
1827 ALL	481112.1	3667385	2.19E-07 1.5YrCanc€	2.19E-07	0.00E+00										
1828 ALL	481132.1	3667385	2.31E-07 1.5YrCanc€				0.00E+00			0.00E+00	0.00E+00			0.00E+00	
1829 ALL	481152.1	3667385	2.43E-07 1.5YrCanc€		0.00E+00	0.00E+00			0.00E+00						
1830 ALL	481172.1	3667385	2.59E-07 1.5YrCanc€		0.00E+00	0.00E+00		0.00E+00							
1831 ALL	481192.1	3667385	2.77E-07 1.5YrCanc€				0.00E+00		0.00E+00	0.00E+00		0.00E+00			0.00E+00
1832 ALL	481212.1	3667385	2.97E-07 1.5YrCanc€		0.00E+00				0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	
1833 ALL	480812.1	3667405	1.18E-07 1.5YrCanc€	1.18E-07	0.00E+00										
1834 ALL	480832.1	3667405	1.25E-07 1.5YrCanc€												
1835 ALL	480852.1	3667405	1.32E-07 1.5YrCanc€												
1836 ALL	480872.1	3667405	1.38E-07 1.5YrCanc€												
1837 ALL	480892.1	3667405	1.43E-07 1.5YrCanc€												
1838 ALL	480912.1		1.49E-07 1.5YrCanc€												
1839 ALL	480932.1		1.53E-07 1.5YrCanc€												
1840 ALL	480952.1	3667405	1.57E-07 1.5YrCanc€	1.57E-07	0.00E+00										
1841 ALL	480972.1	3667405	1.62E-07 1.5YrCanc€												
1842 ALL	480992.1	3667405	1.68E-07 1.5YrCanc€												
1843 ALL	481012.1	3667405	1.74E-07 1.5YrCanc€												
1844 ALL	481032.1	3667405	1.81E-07 1.5YrCanc€												
1845 ALL	481052.1	3667405	1.89E-07 1.5YrCanc€												
1846 ALL	481072.1	3667405	1.96E-07 1.5YrCanc€												
1847 ALL	481092.1	3667405	2.03E-07 1.5YrCanc€												
1848 ALL	481112.1	3667405	2.13E-07 1.5YrCanc€												
1849 ALL	481132.1	3667405	2.25E-07 1.5YrCanc€	2.25E-07	0.00E+00										

1850 ALL	481152.1	3667405	2.38E-07 1.5YrCance	2.38E-07	0.00E+00										
1851 ALL	481172.1	3667405	2.53E-07 1.5YrCance	2.53E-07	0.00E+00										
1852 ALL	481192.1	3667405	2.71E-07 1.5YrCanc€	2.71E-07	0.00E+00										
1853 ALL	481212.1	3667405	2.90E-07 1.5YrCanc€	2.90E-07	0.00E+00										
1854 ALL	480832.1	3667425	1.25E-07 1.5YrCanc€	1.25E-07	0.00E+00										
1855 ALL	480852.1	3667425	1.30E-07 1.5YrCanc€	1.30E-07	0.00E+00										
1856 ALL	480872.1	3667425	1.35E-07 1.5YrCanc€	1.35E-07	0.00E+00										
1857 ALL	480892.1	3667425	1.39E-07 1.5YrCanc€	1.39E-07	0.00E+00										
1858 ALL	480912.1	3667425	1.44E-07 1.5YrCanc€	1.44E-07	0.00E+00										
1859 ALL	480932.1	3667425	1.48E-07 1.5YrCanc€	1.48E-07	0.00E+00										
1860 ALL	480952.1	3667425	1.52E-07 1.5YrCanc€	1.52E-07	0.00E+00										
1861 ALL	480972.1	3667425	1.58E-07 1.5YrCanc€	1.58E-07	0.00E+00										
1862 ALL	480992.1	3667425	1.64E-07 1.5YrCanc€	1.64E-07	0.00E+00										
1863 ALL	481012.1	3667425	1.70E-07 1.5YrCanc€	1.70E-07	0.00E+00										
1864 ALL	481032.1	3667425	1.76E-07 1.5YrCanc€	1.76E-07	0.00E+00										
1865 ALL	481052.1	3667425	1.83E-07 1.5YrCanc€	1.83E-07	0.00E+00										
1866 ALL	481072.1	3667425	1.89E-07 1.5YrCanc€	1.89E-07	0.00E+00										
1867 ALL	481092.1	3667425	1.97E-07 1.5YrCanc€	1.97E-07	0.00E+00										
1868 ALL	481112.1	3667425	2.07E-07 1.5YrCanc€	2.07E-07	0.00E+00										
1869 ALL	481132.1	3667425	2.20E-07 1.5YrCanc€	2.20E-07	0.00E+00										
1870 ALL	481152.1	3667425	2.35E-07 1.5YrCanc€	2.35E-07	0.00E+00										
1871 ALL	481172.1	3667425	2.49E-07 1.5YrCanc€	2.49E-07	0.00E+00										
1872 ALL	480832.1	3667445	1.22E-07 1.5YrCanc€	1.22E-07	0.00E+00										
1873 ALL	480852.1	3667445	1.26E-07 1.5YrCanc€	1.26E-07	0.00E+00										
1874 ALL	480872.1	3667445	1.30E-07 1.5YrCanc€	1.30E-07	0.00E+00										
1875 ALL	480892.1	3667445	1.35E-07 1.5YrCanc€	1.35E-07	0.00E+00										
1876 ALL	480912.1	3667445	1.39E-07 1.5YrCanc€	1.39E-07	0.00E+00										
1877 ALL	480932.1	3667445	1.44E-07 1.5YrCanc€	1.44E-07	0.00E+00										
1878 ALL	480952.1	3667445	1.48E-07 1.5YrCanc€	1.48E-07	0.00E+00										
1879 ALL	480972.1	3667445	1.53E-07 1.5YrCanc€	1.53E-07	0.00E+00										
1880 ALL	480992.1	3667445	1.59E-07 1.5YrCanc€	1.59E-07	0.00E+00										
1881 ALL	481012.1	3667445	1.64E-07 1.5YrCanc€	1.64E-07	0.00E+00										
1882 ALL	481032.1	3667445	1.70E-07 1.5YrCanc€	1.70E-07	0.00E+00										
1883 ALL	481052.1	3667445	1.77E-07 1.5YrCance												
1884 ALL	481072.1	3667445	1.84E-07 1.5YrCance	1.84E-07	0.00E+00										
1885 ALL	481092.1	3667445	1.93E-07 1.5YrCanc€	1.93E-07	0.00E+00										
1886 ALL	481112.1	3667445	2.04E-07 1.5YrCancε	2.04E-07	0.00E+00										
1887 ALL	480832.1	3667465	1.17E-07 1.5YrCance	1.17E-07	0.00E+00										
1888 ALL	480852.1	3667465	1.21E-07 1.5YrCance	1.21E-07	0.00E+00										
1889 ALL	480872.1	3667465	1.25E-07 1.5YrCance	1.25E-07	0.00E+00										
1890 ALL	480892.1	3667465	1.30E-07 1.5YrCanc€	1.30E-07	0.00E+00										
1891 ALL	480912.1	3667465	1.35E-07 1.5YrCanc€	1.35E-07	0.00E+00										
1892 ALL	480932.1	3667465	1.40E-07 1.5YrCance	1.40E-07	0.00E+00										
1893 ALL	480952.1	3667465	1.44E-07 1.5YrCance	1.44E-07	0.00E+00										
1894 ALL	480972.1	3667465	1.49E-07 1.5YrCanc€	1.49E-07	0.00E+00										
1895 ALL	480992.1	3667465	1.55E-07 1.5YrCanc€	1.55E-07	0.00E+00										
1896 ALL	481012.1	3667465	1.60E-07 1.5YrCance	1.60E-07	0.00E+00										
1897 ALL	481032.1	3667465	1.65E-07 1.5YrCance	1.65E-07	0.00E+00										
1898 ALL	481052.1	3667465	1.71E-07 1.5YrCanc€	1.71E-07	0.00E+00										
1899 ALL	481072.1	3667465	1.79E-07 1.5YrCanc€	1.79E-07	0.00E+00										

1	900 ALL	481092.1	3667465	1.89E-07 1.5YrCanc€	1.89E-07	0.00E+00										
1	901 ALL	481112.1	3667465	2.01E-07 1.5YrCance	2.01E-07	0.00E+00										
1	902 ALL	481132.1	3667465	2.14E-07 1.5YrCance	2.14E-07	0.00E+00										
1	903 ALL	480852.1	3667485	1.17E-07 1.5YrCanc€	1.17E-07	0.00E+00										
1	904 ALL	480872.1	3667485	1.21E-07 1.5YrCanc€	1.21E-07	0.00E+00										
1	905 ALL	480892.1	3667485	1.26E-07 1.5YrCance	1.26E-07	0.00E+00										
1	906 ALL	480912.1	3667485	1.31E-07 1.5YrCance	1.31E-07	0.00E+00										
1	907 ALL	480932.1	3667485	1.36E-07 1.5YrCanc€	1.36E-07	0.00E+00										
1	908 ALL	480952.1	3667485	1.40E-07 1.5YrCanc€	1.40E-07	0.00E+00										
1	909 ALL	480972.1	3667485	1.45E-07 1.5YrCanc€	1.45E-07	0.00E+00										
1	910 ALL	480992.1	3667485	1.49E-07 1.5YrCanc€	1.49E-07	0.00E+00										
1	911 ALL	481012.1	3667485	1.55E-07 1.5YrCanc€	1.55E-07	0.00E+00										
1	912 ALL	481032.1	3667485	1.61E-07 1.5YrCanc€	1.61E-07	0.00E+00										
1	913 ALL	481052.1	3667485	1.68E-07 1.5YrCanc€	1.68E-07	0.00E+00										
1	914 ALL	481072.1	3667485	1.74E-07 1.5YrCanc€	1.74E-07	0.00E+00										
1	915 ALL	481092.1	3667485	1.85E-07 1.5YrCanc€	1.85E-07	0.00E+00										
1	916 ALL	481112.1	3667485	1.97E-07 1.5YrCanc€	1.97E-07	0.00E+00										
1	917 ALL	481132.1	3667485	2.11E-07 1.5YrCanc€	2.11E-07	0.00E+00										
1	918 ALL	480852.1	3667505	1.13E-07 1.5YrCanc€	1.13E-07	0.00E+00										
1	919 ALL	480872.1	3667505	1.17E-07 1.5YrCanc€	1.17E-07	0.00E+00										
1	920 ALL	480892.1	3667505	1.23E-07 1.5YrCanc€	1.23E-07	0.00E+00										
1	921 ALL	480912.1	3667505	1.28E-07 1.5YrCanc€	1.28E-07	0.00E+00										
1	922 ALL	480932.1	3667505	1.33E-07 1.5YrCanc€	1.33E-07	0.00E+00										
1	923 ALL	480952.1	3667505	1.37E-07 1.5YrCanc€	1.37E-07	0.00E+00										
1	924 ALL	480972.1	3667505	1.41E-07 1.5YrCanc€	1.41E-07	0.00E+00										
1	925 ALL	480992.1	3667505	1.45E-07 1.5YrCanc€	1.45E-07	0.00E+00										
1	926 ALL	481012.1	3667505	1.50E-07 1.5YrCanc€	1.50E-07	0.00E+00										
1	927 ALL	481032.1	3667505	1.56E-07 1.5YrCanc€	1.56E-07	0.00E+00										
1	928 ALL	481052.1	3667505	1.63E-07 1.5YrCance	1.63E-07	0.00E+00										
1	929 ALL	481072.1	3667505	1.72E-07 1.5YrCance	1.72E-07	0.00E+00										
1	930 ALL	481092.1	3667505	1.83E-07 1.5YrCance	1.83E-07	0.00E+00										
1	931 ALL	481112.1	3667505	1.95E-07 1.5YrCanc€	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00				0.00E+00		0.00E+00
1	932 ALL	481132.1	3667505	2.07E-07 1.5YrCanc€	2.07E-07	0.00E+00										
	933 ALL	480872.1	3667525	1.14E-07 1.5YrCanc€												
1	934 ALL	480892.1	3667525	1.20E-07 1.5YrCance	1.20E-07	0.00E+00										
1	935 ALL	480912.1	3667525	1.24E-07 1.5YrCanc€	1.24E-07	0.00E+00										
1	936 ALL	480932.1	3667525	1.29E-07 1.5YrCanc€	1.29E-07	0.00E+00										
	937 ALL	480952.1	3667525	1.33E-07 1.5YrCanc€												
	938 ALL	480972.1	3667525	1.37E-07 1.5YrCanc€												
	939 ALL	480992.1	3667525	1.41E-07 1.5YrCanc€												
	940 ALL	481012.1	3667525	1.46E-07 1.5YrCanc€												
	941 ALL	481032.1	3667525	1.52E-07 1.5YrCanc€												
	942 ALL	481052.1	3667525	1.60E-07 1.5YrCanc€												
	943 ALL	481072.1	3667525	1.70E-07 1.5YrCanc€												
	944 ALL	481092.1	3667525	1.81E-07 1.5YrCanc€												
	945 ALL	481112.1	3667525	1.92E-07 1.5YrCanc€												
	946 ALL	481132.1	3667525	2.02E-07 1.5YrCanc€												
	947 ALL	481152.1	3667525	2.12E-07 1.5YrCance												
	948 ALL	480872.1	3667545	1.13E-07 1.5YrCanc€												
1	949 ALL	480892.1	3667545	1.17E-07 1.5YrCanc€	1.17E-07	0.00E+00										

1950 ALL	480912.1	3667545	1.21E-07 1.5YrCanc€	1.21E-07	0.00E+00										
1951 ALL	480932.1	3667545	1.25E-07 1.5YrCanc€	1.25E-07	0.00E+00										
1952 ALL	480952.1	3667545	1.29E-07 1.5YrCanc€	1.29E-07	0.00E+00										
1953 ALL	480972.1	3667545	1.33E-07 1.5YrCanc€	1.33E-07	0.00E+00										
1954 ALL	480992.1	3667545	1.37E-07 1.5YrCanc€	1.37E-07	0.00E+00										
1955 ALL	481012.1	3667545	1.43E-07 1.5YrCanc€	1.43E-07	0.00E+00										
1956 ALL	481032.1	3667545	1.50E-07 1.5YrCanc€	1.50E-07	0.00E+00										
1957 ALL	481052.1	3667545	1.59E-07 1.5YrCanc€	1.59E-07	0.00E+00										
1958 ALL	481072.1	3667545	1.69E-07 1.5YrCanc€	1.69E-07	0.00E+00										
1959 ALL	481092.1	3667545	1.79E-07 1.5YrCanc€	1.79E-07	0.00E+00										
1960 ALL	481112.1	3667545	1.88E-07 1.5YrCanc€	1.88E-07	0.00E+00										
1961 ALL	481132.1	3667545	1.97E-07 1.5YrCanc€	1.97E-07	0.00E+00										
1962 ALL	481152.1	3667545	2.07E-07 1.5YrCanc€	2.07E-07	0.00E+00										
1963 ALL	480892.1	3667565	1.14E-07 1.5YrCanc€	1.14E-07	0.00E+00										
1964 ALL	480912.1	3667565	1.17E-07 1.5YrCanc€	1.17E-07	0.00E+00										
1965 ALL	480932.1	3667565	1.21E-07 1.5YrCanc€	1.21E-07	0.00E+00										
1966 ALL	480952.1	3667565	1.25E-07 1.5YrCanc€	1.25E-07	0.00E+00										
1967 ALL	480972.1	3667565	1.29E-07 1.5YrCanc€		0.00E+00										
1968 ALL	480992.1	3667565	1.34E-07 1.5YrCanc€	1.34E-07	0.00E+00										
1969 ALL	481012.1	3667565	1.40E-07 1.5YrCanc€	1.40E-07	0.00E+00										
1970 ALL	481032.1	3667565	1.48E-07 1.5YrCanc€										0.00E+00	0.00E+00	0.00E+00
1971 ALL	481052.1	3667565	1.57E-07 1.5YrCanc€										0.00E+00	0.00E+00	0.00E+00
1972 ALL	481072.1	3667565	1.67E-07 1.5YrCanc€	1.67E-07									0.00E+00	0.00E+00	0.00E+00
1973 ALL	481092.1	3667565	1.76E-07 1.5YrCanc€				0.00E+00					0.00E+00	0.00E+00	0.00E+00	0.00E+00
1974 ALL	481112.1	3667565	1.85E-07 1.5YrCanc€	1.85E-07								0.00E+00	0.00E+00	0.00E+00	0.00E+00
1975 ALL	480892.1	3667585	1.10E-07 1.5YrCanc€				0.00E+00					0.00E+00	0.00E+00	0.00E+00	0.00E+00
1976 ALL	480912.1	3667585	1.14E-07 1.5YrCanc€				0.00E+00							0.00E+00	
1977 ALL	480932.1	3667585	1.18E-07 1.5YrCanc€				0.00E+00					0.00E+00	0.00E+00	0.00E+00	0.00E+00
1978 ALL	480952.1	3667585	1.22E-07 1.5YrCanc€				0.00E+00					0.00E+00		0.00E+00	
1979 ALL	480972.1	3667585	1.26E-07 1.5YrCanc€										0.00E+00		
1980 ALL	480992.1	3667585	1.32E-07 1.5YrCanc€				0.00E+00							0.00E+00	
1981 ALL	481012.1	3667585	1.39E-07 1.5YrCanc€												
1982 ALL	481032.1	3667585	1.47E-07 1.5YrCanc€										0.00E+00		
1983 ALL	481052.1	3667585	1.56E-07 1.5YrCanc€												
1984 ALL			1.64E-07 1.5YrCance												
1985 ALL	481132.1	3667585	1.87E-07 1.5YrCanc€												
1986 ALL	481152.1	3667585	1.94E-07 1.5YrCance												
1987 ALL	481172.1	3667585	1.99E-07 1.5YrCance												
1988 ALL	481192.1	3667585	2.04E-07 1.5YrCance												
1989 ALL	480892.1	3667605	1.06E-07 1.5YrCance												
1990 ALL	480912.1	3667605	1.10E-07 1.5YrCance												
1991 ALL	480952.1	3667605	1.19E-07 1.5YrCance												
1992 ALL	480972.1	3667605	1.24E-07 1.5YrCance												
1993 ALL	480992.1	3667605	1.31E-07 1.5YrCance												
1994 ALL	481012.1	3667605	1.38E-07 1.5YrCance												
1995 ALL	481032.1	3667605	1.46E-07 1.5YrCance												
1996 ALL	481092.1	3667605	1.68E-07 1.5YrCance												
1997 ALL	481112.1	3667605	1.75E-07 1.5YrCance												
1998 ALL	481132.1	3667605	1.81E-07 1.5YrCance												
1999 ALL	481152.1	300/605	1.87E-07 1.5YrCanc€	1.8/E-U/	U.UUE+00	U.UUE+UU	U.UUE+UU	U.UUE+UU	U.UUE+UU	U.UUE+00	U.UUE+UU	U.UUE+UU	U.UUE+UU	U.UUE+UU	U.UUE+UU

2000 ALL	481172.1	3667605	1.91E-07 1.5YrCance	1.91E-07	0.00E+00										
2001 ALL	481192.1	3667605	1.96E-07 1.5YrCanc€	1.96E-07	0.00E+00										
2002 ALL	481232.1	3667605	2.04E-07 1.5YrCanc€	2.04E-07	0.00E+00										
2003 ALL	481252.1	3667605	2.07E-07 1.5YrCanc€	2.07E-07	0.00E+00										
2004 ALL	481272.1	3667605	2.12E-07 1.5YrCance	2.12E-07	0.00E+00										
2005 ALL	480952.1	3667625	1.17E-07 1.5ΥrCance	1.17E-07	0.00E+00										
2006 ALL	480972.1	3667625	1.23E-07 1.5YrCance	1.23E-07	0.00E+00										
2007 ALL	480992.1	3667625	1.30E-07 1.5YrCance	1.30E-07	0.00E+00										
2008 ALL	481052.1	3667625	1.51E-07 1.5YrCance	1.51E-07	0.00E+00										
2009 ALL	481072.1	3667625	1.58E-07 1.5YrCance	1.58E-07	0.00E+00										
2010 ALL	481092.1	3667625	1.64E-07 1.5YrCance	1.64E-07	0.00E+00										
2011 ALL	481112.1	3667625	1.70E-07 1.5YrCance	1.70E-07	0.00E+00										
2012 ALL	481132.1	3667625	1.75E-07 1.5YrCanc€	1.75E-07	0.00E+00										
2013 ALL	481152.1	3667625	1.79E-07 1.5YrCanc€	1.79E-07	0.00E+00										
2014 ALL	481172.1	3667625	1.83E-07 1.5YrCance	1.83E-07	0.00E+00										
2015 ALL	481192.1	3667625	1.88E-07 1.5YrCance	1.88E-07	0.00E+00										
2016 ALL	481212.1	3667625	1.93E-07 1.5YrCanc€	1.93E-07	0.00E+00										
2017 ALL	481232.1	3667625	1.96E-07 1.5YrCance	1.96E-07	0.00E+00										
2018 ALL	481252.1	3667625	1.98E-07 1.5YrCanc€	1.98E-07	0.00E+00										
2019 ALL	481272.1	3667625	2.02E-07 1.5YrCance	2.02E-07	0.00E+00										
2020 ALL	480992.1	3667645	1.29E-07 1.5YrCance	1.29E-07	0.00E+00										
2021 ALL	481012.1	3667645	1.35E-07 1.5YrCance	1.35E-07	0.00E+00										
2022 ALL	481032.1	3667645	1.41E-07 1.5YrCance	1.41E-07	0.00E+00										
2023 ALL	481052.1	3667645	1.47E-07 1.5YrCance	1.47E-07	0.00E+00										
2024 ALL	481072.1	3667645	1.54E-07 1.5YrCanc€	1.54E-07	0.00E+00										
2025 ALL	481092.1	3667645	1.59E-07 1.5YrCanc€	1.59E-07	0.00E+00										
2026 ALL	481112.1	3667645	1.64E-07 1.5YrCance	1.64E-07	0.00E+00										
2027 ALL	481132.1	3667645	1.69E-07 1.5YrCance	1.69E-07	0.00E+00										
2028 ALL	481152.1	3667645	1.72E-07 1.5YrCanc€	1.72E-07	0.00E+00										
2029 ALL	481172.1	3667645	1.76E-07 1.5YrCanc€	1.76E-07	0.00E+00										
2030 ALL	481192.1	3667645	1.81E-07 1.5YrCanc€	1.81E-07	0.00E+00										
2031 ALL	481212.1	3667645	1.85E-07 1.5YrCanc€	1.85E-07	0.00E+00										
2032 ALL	481232.1	3667645	1.88E-07 1.5YrCanc€	1.88E-07	0.00E+00										
2033 ALL	481252.1	3667645	1.90E-07 1.5YrCanc€	1.90E-07	0.00E+00										
2034 ALL	481272.1	3667645	1.92E-07 1.5YrCanc€	1.92E-07	0.00E+00										
2035 ALL	481292.1	3667645	1.94E-07 1.5YrCanc€	1.94E-07	0.00E+00										
2036 ALL	481312.1	3667645	1.97E-07 1.5YrCanc€	1.97E-07	0.00E+00										
2037 ALL	481332.1	3667645	1.98E-07 1.5YrCanc€	1.98E-07	0.00E+00										
2038 ALL	481352.1	3667645	2.01E-07 1.5YrCanc€	2.01E-07	0.00E+00										
2039 ALL	480952.1	3667665	1.14E-07 1.5YrCanc€	1.14E-07	0.00E+00										
2040 ALL	480972.1	3667665	1.20E-07 1.5YrCanc€	1.20E-07	0.00E+00										
2041 ALL	480992.1	3667665	1.27E-07 1.5YrCance	1.27E-07	0.00E+00										
2042 ALL	481012.1	3667665	1.33E-07 1.5YrCanc€	1.33E-07	0.00E+00										
2043 ALL	481032.1	3667665	1.38E-07 1.5YrCance	1.38E-07	0.00E+00										
2044 ALL	481052.1	3667665	1.43E-07 1.5YrCance	1.43E-07	0.00E+00										
2045 ALL	481072.1	3667665	1.48E-07 1.5YrCance	1.48E-07	0.00E+00										
2046 ALL	481092.1	3667665	1.50E-07 1.5YrCanc€	1.50E-07	0.00E+00										
2047 ALL	481112.1	3667665	1.55E-07 1.5YrCanc€	1.55E-07	0.00E+00										
2048 ALL	481132.1	3667665	1.63E-07 1.5YrCance	1.63E-07	0.00E+00										
2049 ALL	481152.1	3667665	1.67E-07 1.5YrCanc€	1.67E-07	0.00E+00										

2050 ALL	481172.1	3667665	1.70E-07 1.5YrCanc€	1.70E-07	0.00E+00										
2051 ALL	481192.1	3667665	1.74E-07 1.5YrCance	1.74E-07	0.00E+00										
2052 ALL	481212.1	3667665	1.77E-07 1.5YrCance	1.77E-07	0.00E+00										
2053 ALL	481232.1	3667665	1.79E-07 1.5YrCanc€	1.79E-07	0.00E+00										
2054 ALL	481252.1	3667665	1.81E-07 1.5YrCance	1.81E-07	0.00E+00										
2055 ALL	481272.1	3667665	1.83E-07 1.5YrCanc€	1.83E-07	0.00E+00										
2056 ALL	481292.1	3667665	1.85E-07 1.5YrCance	1.85E-07	0.00E+00										
2057 ALL	481312.1	3667665	1.87E-07 1.5YrCanc€	1.87E-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
2058 ALL	481332.1	3667665	1.89E-07 1.5YrCanc€	1.89E-07	0.00E+00										
2059 ALL	481352.1	3667665	1.91E-07 1.5YrCanc€			0.00E+00	0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2060 ALL	481372.1	3667665	1.94E-07 1.5YrCanc€				0.00E+00		0.00E+00						
2061 ALL	480932.1	3667685	1.07E-07 1.5YrCanc€	1.07E-07	0.00E+00										
2062 ALL	480952.1	3667685	1.13E-07 1.5YrCanc€		0.00E+00		0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2063 ALL	480972.1	3667685	1.18E-07 1.5YrCanc€	1.18E-07	0.00E+00										
2064 ALL	480992.1	3667685	1.24E-07 1.5YrCanc€	_		0.00E+00	0.00E+00			0.00E+00			0.00E+00	0.00E+00	0.00E+00
2065 ALL	481012.1	3667685	1.28E-07 1.5YrCanc€			0.00E+00									
2066 ALL	481032.1	3667685	1.32E-07 1.5YrCanc€	1.32E-07	0.00E+00										
2067 ALL	481052.1	3667685	1.37E-07 1.5YrCanc€		0.00E+00		0.00E+00		0.00E+00						
2068 ALL	481072.1	3667685	1.42E-07 1.5YrCanc€	1.42E-07	0.00E+00		0.00E+00								
2069 ALL	481092.1	3667685	1.44E-07 1.5YrCanc€		0.00E+00		0.00E+00		0.00E+00	0.00E+00			0.00E+00	0.00E+00	0.00E+00
2070 ALL	481112.1	3667685	1.49E-07 1.5YrCanc€							0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00
2071 ALL	481132.1	3667685	1.57E-07 1.5YrCanc€	1.57E-07	0.00E+00										
2072 ALL	481152.1	3667685	1.61E-07 1.5YrCanc€			0.00E+00									
2073 ALL	481172.1	3667685	1.64E-07 1.5YrCanc€		0.00E+00	0.00E+00			0.00E+00						
2074 ALL	481192.1	3667685	1.67E-07 1.5YrCanc€	1.67E-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
2075 ALL	481212.1	3667685	1.69E-07 1.5YrCanc€			0.00E+00	0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2076 ALL	481232.1	3667685	1.71E-07 1.5YrCanc€	1.71E-07	0.00E+00										
2077 ALL	481252.1	3667685	1.73E-07 1.5YrCanc€	1.73E-07	0.00E+00										
2078 ALL	481272.1	3667685	1.75E-07 1.5YrCanc€				0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2079 ALL	481292.1	3667685	1.77E-07 1.5YrCanc€								0.00E+00		0.00E+00		
2080 ALL	481312.1	3667685	1.78E-07 1.5YrCanc€			0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00			0.00E+00
2081 ALL	481332.1	3667685	1.81E-07 1.5YrCanc€				0.00E+00		0.00E+00	0.00E+00			0.00E+00		0.00E+00
2082 ALL	481352.1	3667685	1.83E-07 1.5YrCanc€						0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	
2083 ALL	481372.1		1.85E-07 1.5YrCanc€												
2084 ALL	480932.1	3667705	1.06E-07 1.5YrCance										0.00E+00		
2085 ALL	480952.1	3667705	1.11E-07 1.5YrCanc€												
2086 ALL	480972.1	3667705	1.16E-07 1.5YrCanc€												
2087 ALL	480992.1	3667705	1.21E-07 1.5YrCanc€												
2088 ALL	481012.1		1.23E-07 1.5YrCanc€												
2089 ALL	481032.1	3667705	1.26E-07 1.5YrCanc€												
2090 ALL	481052.1	3667705	1.31E-07 1.5YrCanc€												
2091 ALL	481072.1	3667705	1.36E-07 1.5YrCanc€												
2092 ALL	481092.1	3667705	1.40E-07 1.5YrCanc€												
2093 ALL	481112.1	3667705	1.45E-07 1.5YrCanc€												
2094 ALL	481132.1	3667705	1.50E-07 1.5YrCanc€												
2095 ALL	481152.1	3667705	1.55E-07 1.5YrCanc€												
2096 ALL	481172.1	3667705	1.57E-07 1.5YrCanc€										0.00E+00		
2097 ALL	481192.1	3667705	1.60E-07 1.5YrCanc€												
2098 ALL	481212.1	3667705	1.62E-07 1.5YrCance												
2099 ALL	481232.1	3667705	1.64E-07 1.5YrCanc€	1.64E-07	0.00E+00										

2100 ALL	481252.1	3667705	1.65E-07 1.5YrCanc€	1.65E-07	0.00E+00										
2101 ALL	481272.1	3667705	1.67E-07 1.5YrCance			0.00E+00									
2102 ALL	481292.1	3667705	1.69E-07 1.5YrCanc€			0.00E+00	0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2103 ALL	481312.1	3667705	1.71E-07 1.5YrCanc€	1.71E-07	0.00E+00										
2104 ALL	481332.1	3667705	1.73E-07 1.5YrCanc€	1.73E-07	0.00E+00	0.00E+00	0.00E+00		0.00E+00						
2105 ALL	481352.1	3667705	1.76E-07 1.5YrCanc€	1.76E-07	0.00E+00										
2106 ALL	481372.1	3667705	1.78E-07 1.5YrCanc€	1.78E-07	0.00E+00										
2107 ALL	480952.1	3667725	1.06E-07 1.5YrCanc€							0.00E+00			0.00E+00	0.00E+00	0.00E+00
2108 ALL	480972.1	3667725	1.11E-07 1.5YrCanc€	1.11E-07	0.00E+00										
2109 ALL	480992.1	3667725	1.16E-07 1.5YrCanc€	1.16E-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
2110 ALL	481012.1	3667725	1.20E-07 1.5YrCanc€		0.00E+00		0.00E+00								
2111 ALL	481032.1	3667725	1.24E-07 1.5YrCanc€	1.24E-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
2112 ALL	481052.1	3667725	1.29E-07 1.5YrCanc€	1.29E-07	0.00E+00										
2113 ALL	481072.1	3667725	1.33E-07 1.5YrCanc€	1.33E-07	0.00E+00										
2114 ALL	481092.1	3667725	1.37E-07 1.5YrCanc€				0.00E+00			0.00E+00			0.00E+00	0.00E+00	0.00E+00
2115 ALL	481112.1	3667725	1.41E-07 1.5YrCanc€							0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2116 ALL	481132.1	3667725	1.45E-07 1.5YrCanc€	1.45E-07	0.00E+00										
2117 ALL	481152.1	3667725	1.48E-07 1.5YrCanc€	1.48E-07	0.00E+00										
2118 ALL	481172.1	3667725	1.51E-07 1.5YrCanc€	1.51E-07	0.00E+00										
2119 ALL	481192.1	3667725	1.53E-07 1.5YrCanc€		0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00
2120 ALL	481212.1	3667725	1.55E-07 1.5YrCanc€							0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2121 ALL	481232.1	3667725	1.56E-07 1.5YrCanc€	1.56E-07	0.00E+00										
2122 ALL	481252.1	3667725	1.59E-07 1.5YrCanc€								0.00E+00		0.00E+00	0.00E+00	0.00E+00
2123 ALL	481272.1	3667725	1.60E-07 1.5YrCanc€		0.00E+00		0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2124 ALL	481292.1	3667725	1.62E-07 1.5YrCanc€	1.62E-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
2125 ALL	481312.1	3667725	1.64E-07 1.5YrCanc€				0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2126 ALL	481332.1	3667725	1.66E-07 1.5YrCanc€	1.66E-07	0.00E+00										
2127 ALL	481352.1	3667725	1.68E-07 1.5YrCanc€	1.68E-07	0.00E+00										
2128 ALL	480952.1	3667745	1.04E-07 1.5YrCanc€				0.00E+00			0.00E+00	0.00E+00		0.00E+00		
2129 ALL	480972.1	3667745	1.08E-07 1.5YrCanc€								0.00E+00		0.00E+00		
2130 ALL	480992.1	3667745	1.12E-07 1.5YrCanc€			0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00			0.00E+00
2131 ALL	481012.1	3667745	1.16E-07 1.5YrCanc€				0.00E+00		0.00E+00	0.00E+00			0.00E+00		0.00E+00
2132 ALL	481032.1	3667745	1.20E-07 1.5YrCanc€				0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	
2133 ALL	481052.1	3667745	1.25E-07 1.5YrCanc€												
2134 ALL	481072.1	3667745	1.29E-07 1.5YrCanc€												
2135 ALL	481092.1	3667745	1.33E-07 1.5YrCanc€												
2136 ALL	481112.1	3667745	1.37E-07 1.5YrCanc€												
2137 ALL	481132.1		1.40E-07 1.5YrCanc€												
2138 ALL	481152.1		1.43E-07 1.5YrCanc€												
2139 ALL	481172.1		1.45E-07 1.5YrCanc€												
2140 ALL	481192.1	3667745	1.47E-07 1.5YrCanc€	1.47E-07	0.00E+00										
2141 ALL	481212.1	3667745	1.48E-07 1.5YrCanc€												
2142 ALL	481232.1	3667745	1.48E-07 1.5YrCanc€	1.48E-07	0.00E+00										
2143 ALL	481252.1		1.52E-07 1.5YrCanc€												
2144 ALL	481272.1		1.53E-07 1.5YrCanc€												
2145 ALL	481292.1		1.55E-07 1.5YrCanc€												
2146 ALL	481312.1		1.57E-07 1.5YrCanc€												
2147 ALL	481332.1		1.59E-07 1.5YrCanc€												
2148 ALL	480952.1	3667765	1.03E-07 1.5YrCanc€												
2149 ALL	480972.1	3667765	1.06E-07 1.5YrCanc€	1.06E-07	0.00E+00										

2150 ALL	480992.1	3667765	1.08E-07 1.5YrCanc€		0.00E+00										
2151 ALL	481012.1	3667765	1.12E-07 1.5YrCanc€				0.00E+00			0.00E+00			0.00E+00	0.00E+00	
2152 ALL	481032.1	3667765	1.16E-07 1.5YrCanc€				0.00E+00			0.00E+00	0.00E+00		0.00E+00	0.00E+00	
2153 ALL	481052.1	3667765	1.20E-07 1.5YrCanc€			0.00E+00		0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00
2154 ALL	481072.1	3667765	1.25E-07 1.5YrCanc€					0.00E+00							
2155 ALL	481092.1	3667765	1.29E-07 1.5YrCanc€			0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
2156 ALL	481112.1	3667765	1.32E-07 1.5YrCanc€					0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00
2157 ALL	481132.1	3667765	1.34E-07 1.5YrCanc€				0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
2158 ALL	481152.1	3667765	1.37E-07 1.5YrCanc€				0.00E+00					0.00E+00	0.00E+00	0.00E+00	
2159 ALL	481172.1	3667765	1.39E-07 1.5YrCanc€				0.00E+00			0.00E+00	0.00E+00		0.00E+00	0.00E+00	
2160 ALL	481192.1	3667765	1.40E-07 1.5YrCanc€					0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00		
2161 ALL	481212.1	3667765	1.41E-07 1.5YrCance				0.00E+00		0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00
2162 ALL	481232.1		1.42E-07 1.5YrCanc€	_			0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
2163 ALL	481252.1	3667765	1.45E-07 1.5YrCanc€				0.00E+00			0.00E+00		0.00E+00	0.00E+00	0.00E+00	
2164 ALL	481272.1	3667765	1.47E-07 1.5YrCanc€	_			0.00E+00						0.00E+00	0.00E+00	
2165 ALL	481292.1	3667765	1.49E-07 1.5YrCanc€											0.00E+00	
2166 ALL	481312.1	3667765	1.51E-07 1.5YrCanc€				0.00E+00		0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	
2167 ALL	481332.1	3667765	1.53E-07 1.5YrCanc€						0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
2168 ALL	480972.1	3667785	1.03E-07 1.5YrCanc€		0.00E+00			0.00E+00							
2169 ALL	480992.1	3667785	1.06E-07 1.5YrCanc€				0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
2170 ALL	481012.1	3667785	1.10E-07 1.5YrCanc€					0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	
2171 ALL	481032.1	3667785	1.14E-07 1.5YrCanc€				0.00E+00			0.00E+00		0.00E+00	0.00E+00	0.00E+00	
2172 ALL	481052.1	3667785	1.18E-07 1.5YrCanc€				0.00E+00					0.00E+00	0.00E+00	0.00E+00	0.00E+00
2173 ALL	481072.1	3667785	1.22E-07 1.5YrCanc€			0.00E+00		0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00
2174 ALL	481092.1	3667785	1.26E-07 1.5YrCanc€				0.00E+00				0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2175 ALL	481112.1	3667785	1.28E-07 1.5YrCanc€				0.00E+00				0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2176 ALL	481132.1	3667785	1.31E-07 1.5YrCanc€				0.00E+00			0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00
2177 ALL	481152.1	3667785	1.32E-07 1.5YrCanc€							0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2178 ALL	481172.1	3667785	1.33E-07 1.5YrCanc€							0.00E+00			0.00E+00	0.00E+00	
2179 ALL	481192.1		1.34E-07 1.5YrCanc€											0.00E+00	
2180 ALL	481212.1	3667785	1.36E-07 1.5YrCanc€					0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
2181 ALL	481232.1	3667785	1.37E-07 1.5YrCanc€				0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
2182 ALL	481252.1	3667785	1.39E-07 1.5YrCanc€								0.00E+00	0.00E+00	0.00E+00		
2183 ALL	481272.1		1.41E-07 1.5YrCance												
2184 ALL	481292.1	3667785	1.43E-07 1.5YrCance											0.00E+00	
2185 ALL	481312.1	3667785	1.46E-07 1.5YrCance												
2186 ALL	481332.1	3667785	1.47E-07 1.5YrCanc€												
2187 ALL	481352.1		1.49E-07 1.5YrCanc€												
2188 ALL	480972.1	3667805	9.93E-08 1.5YrCanc€												
2189 ALL	480992.1		1.03E-07 1.5YrCanc€												
2190 ALL	481012.1		1.07E-07 1.5YrCanc€												
2191 ALL	481032.1	3667805	1.10E-07 1.5YrCanc€												
2192 ALL	481052.1	3667805	1.13E-07 1.5YrCanc€												
2193 ALL	481072.1	3667805	1.16E-07 1.5YrCanc€												
2194 ALL	481092.1		1.20E-07 1.5YrCanc€												
2195 ALL	481112.1		1.24E-07 1.5YrCanc€												
2196 ALL	481132.1		1.27E-07 1.5YrCanc€												
2197 ALL	481152.1		1.27E-07 1.5YrCanc€												
2198 ALL	481172.1	3667805	1.28E-07 1.5YrCanc€											0.00E+00	
2199 ALL	481192.1	3667805	1.29E-07 1.5YrCanc€	1.29E-07	0.00E+00										

22	00 ALL	481212.1	3667805	1.30E-07 1.5YrCance	1.30E-07	0.00E+00										
22	01 ALL	481232.1	3667805	1.32E-07 1.5YrCance	1.32E-07	0.00E+00										
22	02 ALL	481252.1	3667805	1.34E-07 1.5YrCanc€	1.34E-07	0.00E+00										
22	03 ALL	481272.1	3667805	1.36E-07 1.5YrCanc€	1.36E-07	0.00E+00										
22	04 ALL	481292.1	3667805	1.38E-07 1.5YrCanc€	1.38E-07	0.00E+00										
22	05 ALL	481312.1	3667805	1.40E-07 1.5YrCanc€	1.40E-07	0.00E+00										
22	06 ALL	481332.1	3667805	1.42E-07 1.5YrCanc€	1.42E-07	0.00E+00										
22	07 ALL	481352.1	3667805	1.43E-07 1.5YrCanc€	1.43E-07	0.00E+00										
22	08 ALL	480992.1	3667825	9.96E-08 1.5YrCanc€	9.96E-08	0.00E+00										
22	09 ALL	481012.1	3667825	1.02E-07 1.5YrCanc€	1.02E-07	0.00E+00										
22	10 ALL	481032.1	3667825	1.04E-07 1.5YrCanc€	1.04E-07	0.00E+00										
22	11 ALL	481052.1	3667825	1.05E-07 1.5YrCanc€	1.05E-07	0.00E+00										
22	12 ALL	481072.1	3667825	1.07E-07 1.5YrCanc€	1.07E-07	0.00E+00										
22	13 ALL	481092.1	3667825	1.13E-07 1.5YrCanc€	1.13E-07	0.00E+00										
22	14 ALL	481112.1	3667825	1.19E-07 1.5YrCanc€	1.19E-07	0.00E+00										
22	15 ALL	481132.1	3667825	1.23E-07 1.5YrCanc€	1.23E-07	0.00E+00										
22	16 ALL	481152.1	3667825	1.23E-07 1.5YrCanc€	1.23E-07	0.00E+00										
22	17 ALL	481172.1	3667825	1.24E-07 1.5YrCanc€	1.24E-07	0.00E+00										
22	18 ALL	481192.1	3667825	1.25E-07 1.5YrCanc€	1.25E-07	0.00E+00										
22	19 ALL	481212.1	3667825	1.26E-07 1.5YrCanc€	1.26E-07	0.00E+00										
22	20 ALL	481232.1	3667825	1.27E-07 1.5YrCanc€	1.27E-07	0.00E+00										
22	21 ALL	481252.1	3667825	1.29E-07 1.5YrCanc€	1.29E-07	0.00E+00										
22	22 ALL	481272.1	3667825	1.31E-07 1.5YrCanc€	1.31E-07	0.00E+00										
22	23 ALL	481292.1	3667825	1.33E-07 1.5YrCanc€	1.33E-07	0.00E+00										
22	24 ALL	481312.1	3667825	1.35E-07 1.5YrCanc€	1.35E-07	0.00E+00										
22	25 ALL	481332.1	3667825	1.37E-07 1.5YrCanc€	1.37E-07	0.00E+00										
22	26 ALL	481352.1	3667825	1.38E-07 1.5YrCanc€	1.38E-07	0.00E+00										
22	27 ALL	481372.1	3667825	1.41E-07 1.5YrCanc€	1.41E-07	0.00E+00										
22	28 ALL	480992.1	3667845	9.72E-08 1.5YrCanc€	9.72E-08	0.00E+00										
22	29 ALL	481012.1	3667845	9.99E-08 1.5YrCance	9.99E-08	0.00E+00										
22	30 ALL	481032.1	3667845	1.02E-07 1.5YrCanc€	1.02E-07	0.00E+00										
22	31 ALL	481052.1	3667845	1.03E-07 1.5YrCanc€	1.03E-07	0.00E+00										
22	32 ALL	481072.1	3667845	1.04E-07 1.5YrCanc€	1.04E-07	0.00E+00										
22	33 ALL	481092.1	3667845	1.08E-07 1.5YrCanc€												
22	34 ALL	481112.1	3667845	1.14E-07 1.5YrCance	1.14E-07	0.00E+00										
22	35 ALL	481132.1	3667845	1.19E-07 1.5YrCanc€	1.19E-07	0.00E+00										
22	36 ALL	481152.1	3667845	1.19E-07 1.5YrCanc€	1.19E-07	0.00E+00										
22	37 ALL	481172.1	3667845	1.19E-07 1.5YrCance	1.19E-07	0.00E+00										
22	38 ALL	481192.1	3667845	1.20E-07 1.5YrCance	1.20E-07	0.00E+00										
22	39 ALL	481212.1	3667845	1.21E-07 1.5YrCanc€	1.21E-07	0.00E+00										
22	40 ALL	481232.1	3667845	1.23E-07 1.5YrCanc€	1.23E-07	0.00E+00										
22	41 ALL	481252.1	3667845	1.25E-07 1.5YrCanc€	1.25E-07	0.00E+00										
22	42 ALL	481272.1	3667845	1.26E-07 1.5YrCance	1.26E-07	0.00E+00										
22	43 ALL	481292.1	3667845	1.28E-07 1.5YrCanc€	1.28E-07	0.00E+00										
22	44 ALL	481312.1	3667845	1.30E-07 1.5YrCanc€	1.30E-07	0.00E+00										
22	45 ALL	481332.1	3667845	1.33E-07 1.5YrCanc€	1.33E-07	0.00E+00										
22	46 ALL	481352.1	3667845	1.35E-07 1.5YrCanc€	1.35E-07	0.00E+00										
22	47 ALL	481012.1	3667865	9.77E-08 1.5YrCanc€	9.77E-08	0.00E+00										
22	48 ALL	481032.1	3667865	9.96E-08 1.5YrCance	9.96E-08	0.00E+00										
22	49 ALL	481052.1	3667865	1.01E-07 1.5YrCance	1.01E-07	0.00E+00										

2250 ALL	481072.1	3667865	1.02E-07 1.5YrCanc€	1.02E-07	0.00E+00										
2251 ALL	481092.1	3667865	1.05E-07 1.5YrCance	1.05E-07	0.00E+00										
2252 ALL	481112.1	3667865	1.10E-07 1.5YrCance	1.10E-07	0.00E+00										
2253 ALL	481132.1	3667865	1.15E-07 1.5YrCanc€	1.15E-07	0.00E+00										
2254 ALL	481152.1	3667865	1.15E-07 1.5YrCance	1.15E-07	0.00E+00										
2255 ALL	481172.1	3667865	1.15E-07 1.5YrCanc€	1.15E-07	0.00E+00										
2256 ALL	481192.1	3667865	1.16E-07 1.5YrCanc€	1.16E-07	0.00E+00										
2257 ALL	481212.1	3667865	1.17E-07 1.5YrCanc€	1.17E-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
2258 ALL	481232.1	3667865	1.19E-07 1.5YrCanc€	1.19E-07	0.00E+00										
2259 ALL	481252.1	3667865	1.21E-07 1.5YrCanc€	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
2260 ALL	481272.1	3667865	1.23E-07 1.5YrCanc€		0.00E+00		0.00E+00		0.00E+00						
2261 ALL	481292.1	3667865	1.24E-07 1.5YrCanc€	1.24E-07	0.00E+00										
2262 ALL	481012.1	3667885	9.54E-08 1.5YrCanc€		0.00E+00		0.00E+00			0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00
2263 ALL	481032.1	3667885	9.72E-08 1.5YrCanc€	9.72E-08	0.00E+00										
2264 ALL	481052.1	3667885	9.86E-08 1.5YrCanc€			0.00E+00	0.00E+00			0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00
2265 ALL	481072.1	3667885	1.00E-07 1.5YrCanc€				0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2266 ALL	481092.1	3667885	1.03E-07 1.5YrCanc€	1.03E-07	0.00E+00										
2267 ALL	481112.1	3667885	1.07E-07 1.5YrCanc€		0.00E+00		0.00E+00		0.00E+00						
2268 ALL	481132.1	3667885	1.09E-07 1.5YrCanc€	1.09E-07	0.00E+00										
2269 ALL	481152.1	3667885	1.12E-07 1.5YrCanc€		0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00
2270 ALL	481172.1	3667885	1.12E-07 1.5YrCanc€	_						0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2271 ALL	481192.1	3667885	1.13E-07 1.5YrCanc€	1.13E-07	0.00E+00										
2272 ALL	481212.1	3667885	1.13E-07 1.5YrCanc€			0.00E+00	0.00E+00			0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00
2273 ALL	481232.1	3667885	1.15E-07 1.5YrCanc€						0.00E+00						
2274 ALL	481252.1	3667885	1.19E-07 1.5YrCanc€	1.19E-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
2275 ALL	481032.1	3667905	1.00E-07 1.5YrCanc€			0.00E+00	0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2276 ALL	481052.1	3667905	1.01E-07 1.5YrCanc€	1.01E-07	0.00E+00										
2277 ALL	481072.1	3667905	1.03E-07 1.5YrCanc€	1.03E-07	0.00E+00										
2278 ALL	481092.1	3667905	1.05E-07 1.5YrCanc€				0.00E+00			0.00E+00	0.00E+00		0.00E+00		
2279 ALL	481112.1	3667905	1.07E-07 1.5YrCanc€								0.00E+00		0.00E+00		
2280 ALL	481132.1	3667905	1.07E-07 1.5YrCanc€			0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00			0.00E+00
2281 ALL	481152.1	3667905	1.08E-07 1.5YrCanc€				0.00E+00		0.00E+00	0.00E+00	0.00E+00		0.00E+00		0.00E+00
2282 ALL	481172.1	3667905	1.09E-07 1.5YrCanc€				0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	
2283 ALL	481192.1	3667905	1.10E-07 1.5YrCanc€												
2284 ALL	481032.1	3667925	1.03E-07 1.5YrCanc€												
2285 ALL	481052.1	3667925	1.03E-07 1.5YrCanc€												
2286 ALL	481072.1	3667925	1.06E-07 1.5YrCanc€												
2287 ALL	481092.1	3667925	1.06E-07 1.5YrCanc€												
2288 ALL	481112.1		1.06E-07 1.5YrCanc€												
2289 ALL	481132.1		1.05E-07 1.5YrCanc€												
2290 ALL	481152.1	3667925	1.06E-07 1.5YrCanc€												
2291 ALL	481032.1	3667945	1.04E-07 1.5YrCance												
2292 ALL	481052.1	3667945	1.04E-07 1.5YrCance												
2293 ALL	481072.1	3667945	1.04E-07 1.5YrCanc€												
2294 ALL	481092.1	3667945	1.03E-07 1.5YrCanc€												
2295 ALL	481524.1	3666984	6.18E-06 1.5YrCance												
2296 ALL	481503	3667000	4.03E-06 1.5YrCanc€										0.00E+00		
2297 ALL	481481.1	3667012	2.90E-06 1.5YrCanc€												
2298 ALL	481169.8	3667548	2.13E-07 1.5YrCance												
2299 ALL	481125.5	3667446	2.12E-07 1.5YrCanc€	2.12E-07	0.00E+00										

2300 ALL	481224.3	3667405	3.00E-07 1.5YrCanc€	3.00E-07	0.00E+00										
2301 ALL	481183.8	3667303	3.03E-07 1.5YrCanc€	3.03E-07	0.00E+00										
2302 ALL	481082.4	3667345	2.19E-07 1.5YrCanc€	2.19E-07	0.00E+00										
2303 ALL	481038	3667249	2.15E-07 1.5YrCanc€	2.15E-07	0.00E+00										
2304 ALL	480967	3667268	1.74E-07 1.5YrCanc€	1.74E-07	0.00E+00										
2305 ALL	480926.5	3667178	2.01E-07 1.5YrCanc€	2.01E-07	0.00E+00										
2306 ALL	481120.4	3667092	3.85E-07 1.5YrCanc€	3.85E-07	0.00E+00										
2307 ALL	480887.2	3666536	6.41E-07 1.5YrCanc€	6.41E-07	0.00E+00										
2308 ALL	481153.4	3666427	5.96E-07 1.5YrCanc€	5.96E-07	0.00E+00										
2309 ALL	481131.8	3666382	5.09E-07 1.5YrCanc€	5.09E-07	0.00E+00										
2310 ALL	481190.1	3666363	5.13E-07 1.5YrCanc€	5.13E-07	0.00E+00										
2311 ALL	481048.2	3666012	1.91E-07 1.5YrCanc€	1.91E-07	0.00E+00										
2312 ALL	480894.8	3666156	2.08E-07 1.5YrCanc€	2.08E-07	0.00E+00										
2313 ALL	480776.9	3666275	2.78E-07 1.5YrCanc€	2.78E-07	0.00E+00										
2314 ALL	480648.9	3666043	1.38E-07 1.5YrCanc€	1.38E-07	0.00E+00										
2315 ALL	480496.8	3666116	1.53E-07 1.5YrCanc€	1.53E-07	0.00E+00										
2316 ALL	480415.7	3665971	9.67E-08 1.5YrCanc€	9.67E-08	0.00E+00										
2317 ALL	480188.8	3666064	1.50E-07 1.5YrCanc€	1.50E-07	0.00E+00										
2318 ALL	480197.6	3666328	1.95E-07 1.5YrCanc€	1.95E-07	0.00E+00										
2319 ALL	480277.5	3666435	1.89E-07 1.5YrCanc€	1.89E-07	0.00E+00										
2320 ALL	480359.9	3666479	1.87E-07 1.5YrCanc€	1.87E-07	0.00E+00										
2321 ALL	480428.3	3666525	2.01E-07 1.5YrCanc€	2.01E-07	0.00E+00										
2322 ALL	480495.5	3666673	2.56E-07 1.5YrCanc€	2.56E-07	0.00E+00										
2323 ALL	480893.5	3667615	1.05E-07 1.5YrCanc€	1.05E-07	0.00E+00										
2324 ALL	480932.8	3667597	1.16E-07 1.5YrCanc€	1.16E-07	0.00E+00										
2325 ALL	480959.4	3667642	1.18E-07 1.5YrCanc€	1.18E-07	0.00E+00										
2326 ALL	480911.3	3667678	1.02E-07 1.5YrCanc€	1.02E-07	0.00E+00										
2327 ALL	481182.5	3667562	2.12E-07 1.5YrCanc€	2.12E-07	0.00E+00										
2328 ALL	481202.8	3667611	1.97E-07 1.5YrCanc€	1.97E-07	0.00E+00										
2329 ALL	481275	3667587	2.21E-07 1.5YrCanc€	2.21E-07	0.00E+00										
2330 ALL	481295.3	3667651	1.92E-07 1.5YrCanc€	1.92E-07	0.00E+00										
2331 ALL	481357.4	3667626	2.11E-07 1.5YrCanc€	2.11E-07	0.00E+00										
2332 ALL	481391.7	3667714	1.76E-07 1.5YrCanc€	1.76E-07	0.00E+00										
2333 ALL	481338.4	3667737	1.62E-07 1.5YrCanc€	1.62E-07	0.00E+00										
2334 ALL	481382.8	3667838	1.40E-07 1.5YrCanc€	1.40E-07	0.00E+00										
2335 ALL	481041.8	3667969	1.02E-07 1.5YrCanc€	1.02E-07	0.00E+00										

REC	GRP	NETID	X ,	Υ	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE\	DECD	SKIN	EYE	BONE/TEE1	ENDO	BLOOD	ODOR	GENERAL	MAVHI
RLC	1 ALL	NETID	480392.1	•	NonCancer			_			0.00E+00				•				_	
	2 ALL		480412.1		NonCancer			0.00E+00			0.00E+00				0.00E+00					
	3 ALL		480332.1		NonCancer			0.00E+00	0.00E+00			8.30E-05			0.00E+00					
	4 ALL		480352.1		NonCancer			0.00E+00	0.00E+00			8.09E-05			0.00E+00					
	5 ALL		480372.1		NonCancer			0.00E+00		0.00E+00					0.00E+00				0.00E+00	
	6 ALL		480392.1		NonCancer			0.00E+00			0.00E+00				0.00E+00				0.00E+00	
	7 ALL		480412.1		NonCancer			0.00E+00	0.00E+00			7.93E-05			0.00E+00					
	8 ALL		480432.1		NonCancer						0.00E+00	7.99E-05			0.00E+00					
	9 ALL		480292.1		NonCancer				0.00E+00			9.08E-05			0.00E+00			0.00E+00		
	10 ALL		480312.1		NonCancer					0.00E+00		8.93E-05			0.00E+00					
	11 ALL		480332.1		NonCancer							8.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00			0.00E+00	
	12 ALL		480352.1		NonCancer					0.00E+00		8.57E-05			0.00E+00					
	13 ALL		480372.1		NonCancer					0.00E+00		8.49E-05			0.00E+00				0.00E+00	
	14 ALL		480392.1		NonCancer							8.41E-05			0.00E+00				0.00E+00	
	15 ALL		480412.1		NonCancer							8.36E-05			0.00E+00					
	16 ALL		480432.1	3666025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.43E-05
	17 ALL		481052.1	3666025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04
	18 ALL		480252.1	3666045	NonCancer	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
	19 ALL		480272.1	3666045	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.91E-05
	20 ALL		480292.1	3666045	NonCancer	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
	21 ALL		480312.1	3666045	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-05
	22 ALL		480332.1	3666045	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-05
	23 ALL		480352.1	3666045	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.11E-05
	24 ALL		480372.1	3666045	NonCancer	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
	25 ALL		480392.1	3666045	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-05
	26 ALL		480412.1	3666045	NonCancer	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
	27 ALL		480432.1	3666045	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.97E-05
	28 ALL		480452.1	3666045	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.18E-05
	29 ALL		481032.1	3666045	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04
	30 ALL		481052.1	3666045	NonCancer	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	
	31 ALL		480192.1	3666065	NonCancer	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
	32 ALL		480212.1		NonCancer					0.00E+00		1.11E-04								_
	33 ALL		480232.1		NonCancer										0.00E+00				0.00E+00	
	34 ALL		480252.1		NonCancer						0.00E+00		0.00E+00							
	35 ALL		480272.1		NonCancer										0.00E+00				0.00E+00	
	36 ALL		480292.1		NonCancer															
	37 ALL		480312.1		NonCancer															
	38 ALL		480332.1		NonCancer															
	39 ALL		480352.1		NonCancer															
	40 ALL		480372.1		NonCancer															
	41 ALL		480392.1		NonCancer															
	42 ALL		480412.1		NonCancer															
	43 ALL		480432.1		NonCancer															
	44 ALL		480452.1		NonCancer															
	45 ALL		480612.1		NonCancer															
	46 ALL 47 ALL		480632.1 480652.1		NonCancer NonCancer															
	48 ALL		480032.1		NonCancer															
	49 ALL		481012.1		NonCancer															
	50 ALL		481012.1		NonCancer															
	51 ALL		481052.1		NonCancer															
	52 ALL		481032.1		NonCancer															
	53 ALL		480192.1		NonCancer															
	JJ ALL		400212.1	2000003	NonCancel	0.00L+00	0.00L+00	0.00L+00	0.00L+00	0.00L+00	0.00L+00	1.146-04	0.00L+00	0.00L+00	0.00L+00	0.00LT00	0.00L+00	0.00L+00	0.002700	1.14L-04

F 4 A 1 1	400222.1	2000005 NamCamaan	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	1 125 04	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	1 125 04
54 ALL	480232.1 480252.1	3666085 NonCancer 3666085 NonCancer				0.00E+00			1.12E-04 1.11E-04	0.00E+00			0.00E+00 0.00E+00			0.00E+00 0.00E+00	1.12E-04 1.11E-04
55 ALL	480232.1	3666085 NonCancer				0.00E+00			1.11E-04 1.09E-04		0.00E+00		0.00E+00			0.00E+00	1.11E-04 1.09E-04
56 ALL	480272.1	3666085 NonCancer				0.00E+00		0.00E+00								0.00E+00	1.05E-04 1.05E-04
57 ALL		3666085 NonCancer							1.05E-04		0.00E+00				0.00E+00	0.00E+00	
58 ALL	480312.1				0.00E+00			0.00E+00	1.03E-04				0.00E+00	0.00E+00		0.00E+00 0.00E+00	1.03E-04
59 ALL	480332.1	3666085 NonCancer				0.00E+00		0.00E+00	1.00E-04		0.00E+00		0.00E+00	0.00E+00	0.00E+00		1.00E-04
60 ALL	480352.1	3666085 NonCancer				0.00E+00			9.74E-05		0.00E+00		0.00E+00			0.00E+00	9.74E-05
61 ALL	480372.1	3666085 NonCancer 3666085 NonCancer				0.00E+00				0.00E+00 0.00E+00			0.00E+00			0.00E+00	9.52E-05
62 ALL	480392.1 480412.1	3666085 NonCancer				0.00E+00 0.00E+00				0.00E+00 0.00E+00							
63 ALL	480432.1					0.00E+00 0.00E+00			1.00E-04		0.00E+00						
64 ALL	480452.1	3666085 NonCancer 3666085 NonCancer				0.00E+00		0.00E+00	1.00E-04 1.01E-04		0.00E+00		0.00E+00			0.00E+00 0.00E+00	1.00E-04 1.01E-04
65 ALL	480472.1	3666085 NonCancer				0.00E+00		0.00E+00	1.01E-04 1.03E-04				0.00E+00	0.00E+00		0.00E+00	1.01E-04 1.03E-04
66 ALL	480472.1	3666085 NonCancer				0.00E+00		0.00E+00	1.03E-04 1.13E-04		0.00E+00		0.00E+00				1.03E-04 1.13E-04
67 ALL 68 ALL	480592.1	3666085 NonCancer				0.00E+00			1.13E-04 1.14E-04		0.00E+00					0.00E+00	
69 ALL	480532.1	3666085 NonCancer						0.00E+00								0.00E+00	
70 ALL	480632.1	3666085 NonCancer				0.00E+00			1.16E-04		0.00E+00		0.00E+00			0.00E+00	
70 ALL 71 ALL	480652.1	3666085 NonCancer								0.00E+00							
71 ALL 72 ALL	480032.1	3666085 NonCancer						0.00E+00	_				0.00E+00			0.00E+00	-
72 ALL 73 ALL	480992.1	3666085 NonCancer				0.00E+00		0.00E+00			0.00E+00		0.00E+00	0.00E+00		0.00E+00	
74 ALL	481012.1	3666085 NonCancer				0.00E+00		0.00E+00	1.54E 04				0.00E+00	0.00E+00			
75 ALL	481032.1	3666085 NonCancer				0.00E+00		0.00E+00	1.62E-04		0.00E+00		0.00E+00	0.00E+00		0.00E+00	
76 ALL	481052.1	3666085 NonCancer				0.00E+00			1.66E-04		0.00E+00			0.00E+00		0.00E+00	
77 ALL	481072.1	3666085 NonCancer				0.00E+00			1.69E-04		0.00E+00		0.00E+00	0.00E+00		0.00E+00	
78 ALL	480192.1	3666105 NonCancer				0.00E+00			1.20E-04		0.00E+00		0.00E+00	0.00E+00			
79 ALL	480212.1	3666105 NonCancer			0.00E+00		0.00E+00		1.17E-04		0.00E+00		0.00E+00	0.00E+00			1.17E-04
80 ALL	480232.1	3666105 NonCancer				0.00E+00		0.00E+00			0.00E+00		0.00E+00			0.00E+00	
81 ALL	480252.1	3666105 NonCancer				0.00E+00		0.00E+00					0.00E+00	0.00E+00		0.00E+00	
82 ALL	480272.1	3666105 NonCancer					0.00E+00		1.12E-04		0.00E+00		0.00E+00	0.00E+00			1.12E-04
83 ALL	480292.1	3666105 NonCancer			0.00E+00		0.00E+00		1.06E-04		0.00E+00		0.00E+00	0.00E+00		0.00E+00	
84 ALL	480312.1	3666105 NonCancer				0.00E+00					0.00E+00		0.00E+00	0.00E+00		0.00E+00	
85 ALL	480332.1	3666105 NonCancer				0.00E+00					0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04
86 ALL	480352.1	3666105 NonCancer	0.00E+00		0.00E+00				1.01E-04		0.00E+00		0.00E+00	0.00E+00		0.00E+00	
87 ALL	480372.1	3666105 NonCancer	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
88 ALL	480392.1	3666105 NonCancer	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
89 ALL	480412.1	3666105 NonCancer	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
90 ALL	480432.1	3666105 NonCancer	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
91 ALL	480452.1	3666105 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
92 ALL	480472.1	3666105 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
93 ALL	480532.1	3666105 NonCancer	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
94 ALL	480552.1	3666105 NonCancer	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
95 ALL	480572.1	3666105 NonCancer	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
96 ALL	480592.1	3666105 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
97 ALL	480612.1	3666105 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
98 ALL	480632.1	3666105 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
99 ALL	480652.1	3666105 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
100 ALL	480672.1	3666105 NonCancer	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
101 ALL	480952.1	3666105 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
102 ALL	480972.1	3666105 NonCancer	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
103 ALL	480992.1	3666105 NonCancer	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
104 ALL	481012.1	3666105 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
105 ALL	481032.1	3666105 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04
106 ALL	481052.1	3666105 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
107 ALL	481072.1	3666105 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04

108 ALL	480192.1	3666125 NonCancer O	0.00E+00 (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	1.21E-04						
109 ALL	480212.1	3666125 NonCancer O	0.00E+00 (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	1.20E-04						
110 ALL	480232.1	3666125 NonCancer O	0.00E+00 (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	1.18E-04						
111 ALL	480252.1	3666125 NonCancer O	0.00E+00 (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	1.16E-04						
112 ALL	480272.1	3666125 NonCancer O	0.00E+00 (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	1.14E-04						
113 ALL	480292.1	3666125 NonCancer O	0.00E+00 (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	1.11E-04						
114 ALL	480312.1	3666125 NonCancer O	0.00E+00 (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	1.09E-04						
115 ALL	480332.1	3666125 NonCancer O	0.00E+00 (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	1.07E-04						
116 ALL	480352.1	3666125 NonCancer O	0.00E+00 (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	1.06E-04						
117 ALL	480372.1	3666125 NonCancer O	0.00E+00 (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	1.06E-04						
118 ALL	480392.1	3666125 NonCancer O	0.00E+00 (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	1.07E-04						
119 ALL	480412.1	3666125 NonCancer O	0.00E+00 (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	1.08E-04						
120 ALL	480432.1	3666125 NonCancer O	0.00E+00 (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	1.11E-04						
121 ALL	480452.1	3666125 NonCancer O	0.00E+00 (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	1.17E-04						
122 ALL	480472.1	3666125 NonCancer O	0.00E+00 (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	1.17E-04						
123 ALL	480492.1	3666125 NonCancer O	0.00E+00 (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	1.22E-04						
124 ALL	480512.1	3666125 NonCancer O	0.00E+00 (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	1.27E-04						
125 ALL	480532.1	3666125 NonCancer O	0.00E+00 (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	1.29E-04						
126 ALL	480552.1	3666125 NonCancer O	0.00E+00 (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	1.31E-04						
127 ALL	480572.1	3666125 NonCancer 0	0.00E+00 (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	1.31E-04						
128 ALL	480592.1	3666125 NonCancer 0	0.00E+00 (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	1.31E-04						
129 ALL	480612.1	3666125 NonCancer 0	0.00E+00 (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	1.32E-04						
130 ALL	480632.1	3666125 NonCancer 0								0.00E+00			0.00E+00				1.33E-04
131 ALL	480652.1	3666125 NonCancer O					0.00E+00			0.00E+00				0.00E+00		0.00E+00	1.33E-04
132 ALL	480672.1	3666125 NonCancer 0					0.00E+00			0.00E+00			0.00E+00			0.00E+00	1.33E-04
133 ALL	480692.1	3666125 NonCancer 0								0.00E+00			0.00E+00				1.35E-04
134 ALL	480932.1	3666125 NonCancer 0								0.00E+00			0.00E+00				1.54E-04
135 ALL	480952.1	3666125 NonCancer 0					0.00E+00			0.00E+00							1.58E-04
136 ALL	480972.1	3666125 NonCancer 0								0.00E+00							1.61E-04
137 ALL	480992.1	3666125 NonCancer 0								0.00E+00							1.65E-04
138 ALL	481012.1	3666125 NonCancer 0								0.00E+00			0.00E+00				1.68E-04
139 ALL	481032.1	3666125 NonCancer 0								0.00E+00							1.72E-04
140 ALL	481052.1	3666125 NonCancer 0					0.00E+00			0.00E+00			0.00E+00	0.00E+00			1.76E-04
141 ALL	481072.1	3666125 NonCancer 0					0.00E+00			0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04
142 ALL	481092.1	3666125 NonCancer 0					0.00E+00			0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04
143 ALL	480192.1	3666145 NonCancer 0			0.00E+00		0.00E+00			0.00E+00			0.00E+00	0.00E+00		0.00E+00	1.24E-04
144 ALL	480212.1	3666145 NonCancer 0							_	0.00E+00						0.00E+00	1.23E-04
145 ALL	480232.1	3666145 NonCancer 0															
146 ALL	480252.1	3666145 NonCancer 0															
140 ALL 147 ALL	480272.1	3666145 NonCancer 0															
147 ALL 148 ALL	480292.1	3666145 NonCancer 0															
149 ALL	480312.1	3666145 NonCancer 0 3666145 NonCancer 0															
150 ALL	480332.1	3666145 NonCancer C															
151 ALL	480352.1																
152 ALL	480372.1	3666145 NonCancer 0															
153 ALL	480392.1	3666145 NonCancer 0															
154 ALL	480412.1	3666145 NonCancer 0															
155 ALL	480432.1	3666145 NonCancer 0															
156 ALL	480452.1	3666145 NonCancer 0															
157 ALL	480472.1	3666145 NonCancer 0															
158 ALL	480492.1	3666145 NonCancer 0															
159 ALL	480512.1	3666145 NonCancer 0															
160 ALL	480532.1	3666145 NonCancer C															
161 ALL	480552.1	3666145 NonCancer C	0.00E+00 (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	1.39E-04						

162 ALL	490E72 1	266614E NonCancor	0.005+00	0.005+00	0.005+00	0.005+00	0.005+00	0.005+00	1 405 04	0.005+00	0.005+00	0.005+00	0.005+00	0.005+00	0.005+00	0.005+00	1 405 04
162 ALL	480572.1 480592.1	3666145 NonCancer 3666145 NonCancer							1.40E-04				0.00E+00 0.00E+00			0.00E+00 0.00E+00	1.40E-04 1.40E-04
163 ALL 164 ALL	480612.1	3666145 NonCancer			0.00E+00 0.00E+00				1.40E-04 1.41E-04	0.00E+00 0.00E+00			0.00E+00			0.00E+00	
		3666145 NonCancer			0.00E+00					0.00E+00			0.00E+00			0.00E+00	1.41E-04 1.42E-04
165 ALL	480632.1	3666145 NonCancer							1.42E-04	0.00E+00						0.00E+00	
166 ALL	480652.1				0.00E+00			0.00E+00	1.43E-04							0.00E+00 0.00E+00	1.43E-04
167 ALL	480672.1	3666145 NonCancer			0.00E+00			0.00E+00	1.43E-04	0.00E+00			0.00E+00				1.43E-04
168 ALL	480692.1	3666145 NonCancer			0.00E+00				1.44E-04	0.00E+00			0.00E+00				-
169 ALL	480912.1	3666145 NonCancer			0.00E+00				1.58E-04	0.00E+00			0.00E+00			0.00E+00	
170 ALL	480932.1	3666145 NonCancer														0.00E+00	
171 ALL	480952.1	3666145 NonCancer								0.00E+00							
172 ALL	480972.1	3666145 NonCancer						0.00E+00								0.00E+00	
173 ALL	480992.1	3666145 NonCancer			0.00E+00				1.71E-04				0.00E+00				1.71E-04
174 ALL	481012.1	3666145 NonCancer			0.00E+00			0.00E+00	1.75E-04	0.00E+00							1.75E-04
175 ALL	481032.1	3666145 NonCancer			0.00E+00				1.79E-04	0.00E+00			0.00E+00				1.79E-04
176 ALL	481052.1	3666145 NonCancer			0.00E+00				1.83E-04							0.00E+00	
177 ALL	481072.1	3666145 NonCancer						0.00E+00								0.00E+00	
178 ALL	481092.1	3666145 NonCancer			0.00E+00				1.92E-04								
179 ALL	480212.1	3666165 NonCancer							_	0.00E+00							-
180 ALL	480232.1	3666165 NonCancer						0.00E+00									
181 ALL	480252.1	3666165 NonCancer			0.00E+00				1.23E-04				0.00E+00				
182 ALL	480272.1	3666165 NonCancer			0.00E+00				1.17E-04	0.00E+00			0.00E+00	0.00E+00			
183 ALL	480292.1	3666165 NonCancer			0.00E+00				1.16E-04	0.00E+00				0.00E+00		0.00E+00	
184 ALL	480312.1	3666165 NonCancer						0.00E+00					0.00E+00			0.00E+00	
185 ALL	480332.1	3666165 NonCancer							_	0.00E+00			0.00E+00			0.00E+00	
186 ALL	480352.1	3666165 NonCancer			0.00E+00			0.00E+00					0.00E+00			0.00E+00	
187 ALL	480372.1	3666165 NonCancer			0.00E+00				1.13E-04	0.00E+00			0.00E+00	0.00E+00			1.13E-04
188 ALL	480392.1	3666165 NonCancer								0.00E+00						0.00E+00	
189 ALL	480412.1	3666165 NonCancer			0.00E+00			0.00E+00					0.00E+00			0.00E+00	
190 ALL	480432.1	3666165 NonCancer			0.00E+00		0.00E+00		1.32E-04	0.00E+00			0.00E+00	0.00E+00		0.00E+00	
191 ALL	480452.1	3666165 NonCancer			0.00E+00					0.00E+00			0.00E+00	0.00E+00		0.00E+00	
192 ALL	480472.1	3666165 NonCancer			0.00E+00			0.00E+00						0.00E+00		0.00E+00	
193 ALL	480492.1	3666165 NonCancer			0.00E+00					0.00E+00			0.00E+00			0.00E+00	
194 ALL	480512.1	3666165 NonCancer			0.00E+00			0.00E+00						0.00E+00		0.00E+00	
195 ALL	480532.1	3666165 NonCancer			0.00E+00			0.00E+00		0.00E+00			0.00E+00	0.00E+00		0.00E+00	
196 ALL	480552.1	3666165 NonCancer 3666165 NonCancer			0.00E+00 0.00E+00		0.00E+00		1.48E-04 1.49E-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 1.49E-04
197 ALL	480572.1															0.00E+00	
198 ALL	480592.1	3666165 NonCancer											0.00E+00		0.00E+00		1.49E-04
199 ALL 200 ALL		3666165 NonCancer 3666165 NonCancer															
200 ALL 201 ALL	480632.1 480652.1																
		3666165 NonCancer															
202 ALL	480672.1	3666165 NonCancer 3666165 NonCancer															
203 ALL	480692.1																
204 ALL	480712.1 480892.1	3666165 NonCancer 3666165 NonCancer														0.00E+00	
205 ALL																	
206 ALL	480912.1	3666165 NonCancer															
207 ALL	480932.1 480952.1	3666165 NonCancer															
208 ALL	480952.1 480972.1	3666165 NonCancer 3666165 NonCancer															
209 ALL	480972.1								_								-
210 ALL	480992.1 481012.1	3666165 NonCancer														0.00E+00	
211 ALL	481012.1	3666165 NonCancer														0.00E+00	
212 ALL	481032.1	3666165 NonCancer														0.00E+00	
213 ALL	481052.1	3666165 NonCancer															
214 ALL	481072.1	3666165 NonCancer															
215 ALL	481092.1	3666165 NonCancer	U.UUE+UU	U.UUE+UU	U.UUE+UU	U.UUE+UU	U.UUE+UU	U.UUE+UU	1.99E-04	U.UUE+UU	U.UUE+UU	U.UUE+UU	U.UUE+UU	U.UUE+UU	U.UUE+UU	U.UUE+UU	1.996-04

216 ALL	480212.1	3666185 NonCancer								0.00E+00							1.33E-04
217 ALL	480232.1	3666185 NonCancer			0.00E+00					0.00E+00			0.00E+00		0.00E+00	0.00E+00	1.31E-04
218 ALL	480252.1	3666185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	1.28E-04						
219 ALL	480272.1	3666185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	1.25E-04						
220 ALL	480292.1	3666185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	1.22E-04						
221 ALL	480312.1	3666185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	1.20E-04						
222 ALL	480332.1	3666185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	1.20E-04						
223 ALL	480352.1	3666185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	1.23E-04						
224 ALL	480372.1	3666185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	1.24E-04						
225 ALL	480392.1	3666185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	1.25E-04						
226 ALL	480412.1	3666185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	1.30E-04						
227 ALL	480432.1	3666185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	1.37E-04						
228 ALL	480452.1	3666185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	1.43E-04						
229 ALL	480472.1	3666185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	1.46E-04						
230 ALL	480492.1	3666185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	1.49E-04						
231 ALL	480512.1	3666185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	1.51E-04						
232 ALL	480532.1	3666185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	1.53E-04						
233 ALL	480552.1	3666185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04	0.00E+00	1.56E-04						
234 ALL	480572.1	3666185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	1.57E-04						
235 ALL	480592.1	3666185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04	0.00E+00	1.58E-04						
236 ALL	480612.1	3666185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	1.60E-04						
237 ALL	480632.1	3666185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	1.61E-04						
238 ALL	480652.1	3666185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	1.61E-04						
239 ALL	480672.1	3666185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	1.62E-04						
240 ALL	480692.1	3666185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	1.64E-04						
241 ALL	480712.1	3666185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	1.64E-04						
242 ALL	480872.1	3666185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	1.71E-04						
243 ALL	480892.1	3666185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	1.73E-04						
244 ALL	480912.1	3666185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	1.75E-04						
245 ALL	480932.1	3666185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	1.77E-04						
246 ALL	480952.1	3666185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	1.80E-04						
247 ALL	480972.1	3666185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	1.83E-04						
248 ALL	480992.1	3666185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	1.86E-04						
249 ALL	481012.1	3666185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	1.90E-04						
250 ALL	481032.1	3666185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	1.94E-04						
251 ALL	481052.1	3666185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04	0.00E+00	1.98E-04						
252 ALL	481072.1	3666185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	2.03E-04						
253 ALL	481092.1	3666185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	2.07E-04						
254 ALL	481112.1	3666185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04	0.00E+00	2.12E-04						
255 ALL	480212.1	3666205 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	1.40E-04						
256 ALL	480232.1	3666205 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	1.38E-04						
257 ALL	480252.1	3666205 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00	1.36E-04						
258 ALL	480272.1	3666205 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	1.33E-04						
259 ALL	480292.1	3666205 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	1.30E-04						
260 ALL	480312.1	3666205 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	1.28E-04						
261 ALL	480332.1	3666205 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	1.28E-04						
262 ALL	480352.1	3666205 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	1.31E-04						
263 ALL	480372.1	3666205 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	1.32E-04						
264 ALL	480392.1	3666205 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	1.33E-04						
265 ALL	480412.1	3666205 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	1.37E-04						
266 ALL	480432.1	3666205 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	1.42E-04						
267 ALL	480452.1	3666205 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	1.48E-04						
268 ALL	480472.1	3666205 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	1.52E-04						
269 ALL	480492.1	3666205 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04	0.00E+00	1.56E-04						

270 ALL	480512.1	3666205 NonCancer 0.00										0.00E+00				1.58E-04
271 ALL	480532.1	3666205 NonCancer 0.00					0.00E+00		0.00E+00				0.00E+00		0.00E+00	1.60E-04
272 ALL	480552.1	3666205 NonCancer 0.00					0.00E+00		0.00E+00			0.00E+00			0.00E+00	1.63E-04
273 ALL	480572.1	3666205 NonCancer 0.00					0.00E+00		0.00E+00			0.00E+00			0.00E+00	1.65E-04
274 ALL	480592.1	3666205 NonCancer 0.00					0.00E+00		0.00E+00				0.00E+00		0.00E+00	1.67E-04
275 ALL	480612.1	3666205 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04	0.00E+00	1.68E-04						
276 ALL	480632.1	3666205 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00	1.70E-04						
277 ALL	480652.1	3666205 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00	1.70E-04						
278 ALL	480672.1	3666205 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	1.72E-04						
279 ALL	480692.1	3666205 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	1.73E-04						
280 ALL	480712.1	3666205 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	1.74E-04						
281 ALL	480732.1	3666205 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	1.75E-04						
282 ALL	480852.1	3666205 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00	1.81E-04						
283 ALL	480872.1	3666205 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	1.82E-04						
284 ALL	480892.1	3666205 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	1.83E-04						
285 ALL	480912.1	3666205 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04	0.00E+00	1.85E-04						
286 ALL	480932.1	3666205 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	1.88E-04						
287 ALL	480952.1	3666205 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	1.90E-04						
288 ALL	480972.1	3666205 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04	0.00E+00	1.93E-04						
289 ALL	480992.1	3666205 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	1.96E-04						
290 ALL	481012.1	3666205 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	2.00E-04						
291 ALL	481032.1	3666205 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	2.04E-04						
292 ALL	481052.1	3666205 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00	2.08E-04						
293 ALL	481072.1	3666205 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04	0.00E+00	2.12E-04						
294 ALL	481092.1	3666205 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	2.17E-04						
295 ALL	481112.1	3666205 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04	0.00E+00	2.22E-04						
296 ALL	480212.1	3666225 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04	0.00E+00	1.47E-04						
297 ALL	480232.1	3666225 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	1.45E-04						
298 ALL	480252.1	3666225 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	1.43E-04						
299 ALL	480272.1	3666225 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	1.41E-04						
300 ALL	480292.1	3666225 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	1.41E-04						
301 ALL	480312.1	3666225 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	1.40E-04						
302 ALL	480332.1	3666225 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	1.40E-04						
303 ALL	480352.1	3666225 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	1.40E-04						
304 ALL	480372.1	3666225 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	1.39E-04						
305 ALL	480392.1	3666225 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	1.39E-04						
306 ALL	480412.1	3666225 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	1.43E-04						
307 ALL	480432.1	3666225 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	1.49E-04						
308 ALL	480452.1	3666225 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	1.53E-04						
309 ALL	480472.1	3666225 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04	0.00E+00	1.56E-04						
310 ALL	480492.1	3666225 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	1.61E-04						
311 ALL	480512.1	3666225 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	1.65E-04						
312 ALL	480532.1	3666225 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	1.67E-04						
313 ALL	480552.1	3666225 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00	1.70E-04						
314 ALL	480572.1	3666225 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	1.72E-04						
315 ALL	480592.1	3666225 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	1.74E-04						
316 ALL	480612.1	3666225 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	1.75E-04						
317 ALL	480632.1	3666225 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	1.78E-04						
318 ALL	480652.1	3666225 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	1.79E-04						
319 ALL	480672.1	3666225 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00	1.81E-04						
320 ALL	480692.1	3666225 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	1.83E-04						
321 ALL	480712.1	3666225 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	1.84E-04						
322 ALL	480732.1	3666225 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04	0.00E+00	1.85E-04						
323 ALL	480832.1	3666225 NonCancer 0.00	E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	1.91E-04						

224 411	400053.4	2000225 Name Camara	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	4 025 04	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	1 025 04
324 ALL	480852.1	3666225 NonCancer															
325 ALL	480872.1	3666225 NonCancer			0.00E+00			0.00E+00		0.00E+00				0.00E+00	0.00E+00	0.00E+00	1.93E-04
326 ALL	480892.1	3666225 NonCancer			0.00E+00			0.00E+00		0.00E+00					0.00E+00	0.00E+00	1.94E-04
327 ALL	480912.1	3666225 NonCancer			0.00E+00			0.00E+00		0.00E+00				0.00E+00	0.00E+00	0.00E+00	1.97E-04
328 ALL	480932.1	3666225 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04
329 ALL	480952.1	3666225 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
330 ALL	480972.1	3666225 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
331 ALL	480992.1	3666225 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04
332 ALL	481012.1	3666225 NonCancer	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
333 ALL	481032.1	3666225 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
334 ALL	481052.1	3666225 NonCancer	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
335 ALL	481072.1	3666225 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04
336 ALL	481092.1	3666225 NonCancer	0.00F+00		0.00E+00			0.00E+00					0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04
337 ALL	481112.1	3666225 NonCancer			0.00E+00			0.00E+00					0.00E+00	0.00E+00		0.00E+00	2.32E-04
338 ALL	481132.1	3666225 NonCancer			0.00E+00			0.00E+00					0.00E+00	0.00E+00		0.00E+00	2.38E-04
339 ALL	480212.1	3666245 NonCancer			0.00E+00			0.00E+00					0.00E+00	0.00E+00		0.00E+00	1.55E-04
																0.00E+00	
340 ALL	480232.1	3666245 NonCancer			0.00E+00			0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00			1.54E-04
341 ALL	480252.1	3666245 NonCancer			0.00E+00					0.00E+00					0.00E+00		1.52E-04
342 ALL	480272.1	3666245 NonCancer			0.00E+00					0.00E+00					0.00E+00		1.49E-04
343 ALL	480292.1	3666245 NonCancer			0.00E+00								0.00E+00		0.00E+00		1.50E-04
344 ALL	480312.1	3666245 NonCancer			0.00E+00								0.00E+00		0.00E+00	0.00E+00	1.50E-04
345 ALL	480332.1	3666245 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04
346 ALL	480352.1	3666245 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04
347 ALL	480372.1	3666245 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04
348 ALL	480392.1	3666245 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04
349 ALL	480412.1	3666245 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04
350 ALL	480432.1	3666245 NonCancer	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
351 ALL	480452.1	3666245 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
352 ALL	480472.1	3666245 NonCancer	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
353 ALL	480492.1	3666245 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04
354 ALL	480512.1	3666245 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
355 ALL	480532.1	3666245 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04
356 ALL	480552.1	3666245 NonCancer			0.00E+00				_				0.00E+00		0.00E+00		1.76E-04
357 ALL	480572.1	3666245 NonCancer			0.00E+00			0.00E+00							0.00E+00		1.78E-04
358 ALL	480592.1	3666245 NonCancer			0.00E+00			0.00E+00							0.00E+00		1.80E-04
359 ALL	480612.1	3666245 NonCancer			0.00E+00								0.00E+00				1.82E-04
360 ALL	480632.1	3666245 NonCancer															
361 ALL	480652.1	3666245 NonCancer															1.87E-04
362 ALL	480672.1	3666245 NonCancer															1.88E-04
363 ALL	480692.1	3666245 NonCancer															1.90E-04
364 ALL	480712.1	3666245 NonCancer															1.93E-04
365 ALL	480732.1	3666245 NonCancer															1.94E-04
366 ALL	480752.1	3666245 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00									1.96E-04
367 ALL	480812.1	3666245 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
368 ALL	480832.1	3666245 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04
369 ALL	480852.1	3666245 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
370 ALL	480872.1	3666245 NonCancer	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
371 ALL	480892.1	3666245 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04
372 ALL	480912.1	3666245 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04
373 ALL	480932.1	3666245 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04
374 ALL	480952.1	3666245 NonCancer															
375 ALL	480972.1	3666245 NonCancer															2.17E-04
376 ALL	480992.1	3666245 NonCancer															2.20E-04
377 ALL	481012.1	3666245 NonCancer															
3// ALL	401012.1	3300273 NUITCAILCEI	J.UUL 100	2.27L-04	J.UUL 100	J.00L100	2.27L-U4										

378 ALL	481032.1	3666245 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04	0.00E+00	2.27E-04						
379 ALL	481052.1	3666245 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04	0.00E+00	2.31E-04						
380 ALL	481072.1	3666245 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04	0.00E+00	2.36E-04						
381 ALL	481092.1	3666245 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	2.40E-04						
382 ALL	481112.1	3666245 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04	0.00E+00	2.45E-04						
383 ALL	481132.1	3666245 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04	0.00E+00	2.50E-04						
384 ALL	480212.1	3666265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	1.61E-04						
385 ALL	480232.1	3666265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	1.61E-04						
386 ALL	480252.1	3666265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	1.60E-04						
387 ALL	480272.1	3666265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04	0.00E+00	1.58E-04						
388 ALL	480292.1	3666265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	1.59E-04						
389 ALL	480312.1	3666265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	1.60E-04						
390 ALL	480332.1	3666265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	1.61E-04						
391 ALL	480352.1	3666265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	1.62E-04						
392 ALL	480372.1	3666265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	1.65E-04						
393 ALL	480392.1	3666265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04	0.00E+00	1.68E-04						
394 ALL	480412.1	3666265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	1.69E-04						
395 ALL	480432.1	3666265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00	1.70E-04						
396 ALL	480452.1	3666265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	1.72E-04						
397 ALL	480472.1	3666265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	1.77E-04						
398 ALL	480492.1	3666265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	1.80E-04						
399 ALL	480512.1	3666265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00	1.81E-04						
400 ALL	480532.1	3666265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	1.83E-04						
401 ALL	480552.1	3666265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	1.83E-04						
402 ALL	480572.1	3666265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04	0.00E+00	1.85E-04						
403 ALL	480592.1	3666265 NonCancer			0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	1.87E-04						
404 ALL	480612.1	3666265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	1.89E-04						
405 ALL	480632.1	3666265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	1.91E-04						
406 ALL	480652.1	3666265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	1.94E-04						
407 ALL	480672.1	3666265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	1.96E-04						
408 ALL	480692.1	3666265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04	0.00E+00	1.98E-04						
409 ALL	480712.1	3666265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04	0.00E+00	2.01E-04						
410 ALL	480732.1	3666265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	2.03E-04						
411 ALL	480752.1	3666265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	2.06E-04						
412 ALL	480792.1	3666265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04	0.00E+00	2.11E-04						
413 ALL	480812.1	3666265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	2.13E-04						
414 ALL	480832.1	3666265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	2.15E-04						
415 ALL	480852.1	3666265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	2.17E-04						
416 ALL	480872.1	3666265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04	0.00E+00	2.19E-04						
417 ALL	480892.1	3666265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	2.21E-04						
418 ALL	480912.1	3666265 NonCancer															2.23E-04
419 ALL	480932.1	3666265 NonCancer								0.00E+00							2.26E-04
420 ALL	480952.1	3666265 NonCancer								0.00E+00							2.29E-04
421 ALL	480972.1	3666265 NonCancer								0.00E+00							2.32E-04
422 ALL	480992.1	3666265 NonCancer															2.35E-04
423 ALL	481012.1	3666265 NonCancer								0.00E+00							2.38E-04
424 ALL	481032.1	3666265 NonCancer								0.00E+00							2.42E-04
425 ALL	481052.1	3666265 NonCancer								0.00E+00							2.46E-04
426 ALL	481072.1	3666265 NonCancer															
420 ALL 427 ALL	481072.1	3666265 NonCancer															
427 ALL 428 ALL	481112.1	3666265 NonCancer								0.00E+00							2.60E-04
428 ALL 429 ALL	481112.1	3666265 NonCancer								0.00E+00							2.65E-04
429 ALL 430 ALL	480212.1	3666285 NonCancer															
430 ALL 431 ALL	480232.1																
431 ALL	480232.1	3666285 NonCancer	U.UUE+UU	U.UUE+UU	U.UUE+UU	U.UUE+UU	U.UUE+UU	U.UUE+UU	1.00E-04	U.UUE+UU	1.00E-04						

432 ALL	480252.1	3666285 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	1.67E-04						
433 ALL	480272.1	3666285 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	1.67E-04						
434 ALL	480292.1	3666285 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	1.67E-04						
435 ALL	480312.1	3666285 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04	0.00E+00	1.68E-04						
436 ALL	480332.1	3666285 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00	1.70E-04						
437 ALL	480352.1	3666285 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	1.73E-04						
438 ALL	480372.1	3666285 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	1.77E-04						
439 ALL	480392.1	3666285 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00	1.81E-04						
440 ALL	480412.1	3666285 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00	1.81E-04						
441 ALL	480432.1	3666285 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	1.79E-04						
442 ALL	480452.1	3666285 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	1.79E-04						
443 ALL	480472.1	3666285 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	1.89E-04						
444 ALL	480492.1	3666285 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	1.91E-04						
445 ALL	480512.1	3666285 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	1.92E-04						
446 ALL	480532.1	3666285 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	1.94E-04						
447 ALL	480552.1	3666285 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	1.95E-04						
448 ALL	480572.1	3666285 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04	0.00E+00	1.93E-04						
449 ALL	480592.1	3666285 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	1.94E-04						
450 ALL	480612.1	3666285 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04	0.00E+00	1.97E-04						
451 ALL	480632.1	3666285 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04	0.00E+00	1.97E-04						
452 ALL	480652.1	3666285 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04	0.00E+00	2.01E-04						
453 ALL	480672.1	3666285 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	2.04E-04						
454 ALL	480692.1	3666285 NonCancer							2.06E-04	0.00E+00	0.00E+00				0.00E+00	0.00E+00	2.06E-04
455 ALL	480712.1	3666285 NonCancer												0.00E+00	0.00E+00	0.00E+00	2.09E-04
456 ALL	480732.1	3666285 NonCancer												0.00E+00	0.00E+00	0.00E+00	2.12E-04
457 ALL	480752.1	3666285 NonCancer								0.00E+00				0.00E+00	0.00E+00	0.00E+00	2.14E-04
458 ALL	480772.1	3666285 NonCancer								0.00E+00			0.00E+00			0.00E+00	2.18E-04
459 ALL	480792.1	3666285 NonCancer			0.00E+00										0.00E+00	0.00E+00	2.21E-04
460 ALL	480812.1	3666285 NonCancer												0.00E+00	0.00E+00	0.00E+00	2.24E-04
461 ALL	480832.1	3666285 NonCancer								0.00E+00				0.00E+00	0.00E+00	0.00E+00	2.27E-04
462 ALL	480852.1	3666285 NonCancer								0.00E+00				0.00E+00	0.00E+00	0.00E+00	2.29E-04
463 ALL	480872.1	3666285 NonCancer								0.00E+00						0.00E+00	2.32E-04
464 ALL	480892.1	3666285 NonCancer			0.00E+00								0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04
465 ALL	480912.1	3666285 NonCancer			0.00E+00	0.00E+00	0.00E+00						0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04
466 ALL	480932.1	3666285 NonCancer			0.00E+00								0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04
467 ALL	480952.1	3666285 NonCancer			0.00E+00					0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04
468 ALL	480972.1	3666285 NonCancer								0.00E+00			0.00E+00		0.00E+00	0.00E+00	2.47E-04
469 ALL	480992.1	3666285 NonCancer							_								_
470 ALL	481012.1	3666285 NonCancer								0.00E+00							2.53E-04
471 ALL	481032.1	3666285 NonCancer															
472 ALL	481052.1	3666285 NonCancer															2.62E-04
473 ALL	481072.1	3666285 NonCancer								0.00E+00							2.67E-04
474 ALL	481092.1	3666285 NonCancer								0.00E+00							2.72E-04
475 ALL	481112.1	3666285 NonCancer								0.00E+00							2.77E-04
476 ALL	481132.1	3666285 NonCancer															
477 ALL	481152.1	3666285 NonCancer								0.00E+00							2.87E-04
477 ALL	480212.1	3666305 NonCancer															
479 ALL	480232.1	3666305 NonCancer															
480 ALL	480252.1	3666305 NonCancer															
480 ALL 481 ALL	480272.1	3666305 NonCancer															
481 ALL	480292.1	3666305 NonCancer															
482 ALL 483 ALL	480312.1	3666305 NonCancer															
484 ALL 485 ALL	480332.1 480352.1	3666305 NonCancer															
403 ALL	480352.1	3666305 NonCancer	U.UUE+UU	U.UUE+UU	U.UUE+UU	U.UUE+UU	U.UUE+UU	U.UUE+UU	1.02E-U4	U.UUE+UU	1.0ZE-U4						

486 ALL	480372.1	3666305 NonCancer 0.00E+0													0.00E+00	
487 ALL	480392.1	3666305 NonCancer 0.00E+0	0.00E+00	0.00E+00		0.00E+00	0.00E+00		0.00E+00	1.93E-04						
488 ALL	480412.1	3666305 NonCancer 0.00E+0	0.00E+00	0.00E+00		0.00E+00	0.00E+00		0.00E+00	1.96E-04						
489 ALL	480432.1	3666305 NonCancer 0.00E+0				0.00E+00	0.00E+00		0.00E+00	1.95E-04						
490 ALL	480452.1	3666305 NonCancer 0.00E+0		0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04	0.00E+00	1.93E-04						
491 ALL	480472.1	3666305 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	2.03E-04						
492 ALL	480492.1	3666305 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	2.05E-04						
493 ALL	480512.1	3666305 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	2.05E-04						
494 ALL	480532.1	3666305 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	2.04E-04						
495 ALL	480552.1	3666305 NonCancer 0.00E+0			0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00	2.08E-04						
496 ALL	480572.1	3666305 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	2.06E-04						
497 ALL	480592.1	3666305 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	2.07E-04						
498 ALL	480612.1	3666305 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	2.09E-04						
499 ALL	480632.1	3666305 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	2.09E-04						
500 ALL	480652.1	3666305 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	2.10E-04						
501 ALL	480672.1	3666305 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04	0.00E+00	2.12E-04						
502 ALL	480692.1	3666305 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	2.15E-04						
503 ALL	480712.1	3666305 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	2.17E-04						
504 ALL	480732.1	3666305 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04	0.00E+00	2.19E-04						
505 ALL	480752.1	3666305 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04	0.00E+00	2.22E-04						
506 ALL	480772.1	3666305 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04	0.00E+00	2.26E-04						
507 ALL	480792.1	3666305 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04	0.00E+00	2.31E-04						
508 ALL	480812.1	3666305 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	2.33E-04						
509 ALL	480832.1	3666305 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	2.37E-04						
510 ALL	480852.1	3666305 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	2.40E-04						
511 ALL	480872.1	3666305 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04	0.00E+00	2.43E-04						
512 ALL	480892.1	3666305 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04	0.00E+00	2.47E-04						
513 ALL	480912.1	3666305 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04	0.00E+00	2.52E-04						
514 ALL	480932.1	3666305 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04	0.00E+00	2.56E-04						
515 ALL	480952.1	3666305 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04	0.00E+00	2.59E-04						
516 ALL	480972.1	3666305 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	2.62E-04						
517 ALL	480992.1	3666305 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04	0.00E+00	2.66E-04						
518 ALL	481012.1	3666305 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	2.70E-04						
519 ALL	481032.1	3666305 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04	0.00E+00	2.75E-04						
520 ALL	481052.1	3666305 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-04	0.00E+00	2.80E-04						
521 ALL	481072.1	3666305 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04	0.00E+00	2.85E-04						
522 ALL	481092.1	3666305 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04	0.00E+00	2.91E-04						
523 ALL	481112.1	3666305 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04	0.00E+00	2.97E-04						
524 ALL	481132.1	3666305 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04	0.00E+00	3.02E-04						
525 ALL	481152.1	3666305 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04	0.00E+00	3.08E-04						
526 ALL	480212.1	3666325 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04	0.00E+00	1.58E-04						
527 ALL	480232.1	3666325 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	1.65E-04						
528 ALL	480252.1	3666325 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	1.69E-04						
529 ALL	480272.1	3666325 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	1.72E-04						
530 ALL	480292.1	3666325 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	1.75E-04						
531 ALL	480312.1	3666325 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	1.76E-04						
532 ALL	480332.1	3666325 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	1.80E-04						
533 ALL	480352.1	3666325 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	1.87E-04						
534 ALL	480372.1	3666325 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	1.89E-04						
535 ALL	480392.1	3666325 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04	0.00E+00	2.01E-04						
536 ALL	480412.1	3666325 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	2.06E-04						
537 ALL	480432.1	3666325 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	2.07E-04						
538 ALL	480452.1	3666325 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	2.07E-04						
539 ALL	480472.1	3666325 NonCancer 0.00E+0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	2.16E-04						

540 411	400.400.4	2666225 N 6 0		F.00 0	005.00	0.005.00	0.005.00	0.005.00	2 205 04	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	2 205 04
540 ALL	480492.1	3666325 NonCancer 0								0.00E+00			0.00E+00				2.20E-04
541 ALL	480512.1	3666325 NonCancer 0					0.00E+00			0.00E+00				0.00E+00		0.00E+00	2.20E-04
542 ALL	480532.1	3666325 NonCancer 0					0.00E+00			0.00E+00			0.00E+00				2.19E-04
543 ALL	480552.1	3666325 NonCancer 0						0.00E+00		0.00E+00			0.00E+00			0.00E+00	2.24E-04
544 ALL	480572.1	3666325 NonCancer 0						0.00E+00		0.00E+00				0.00E+00		0.00E+00	2.23E-04
545 ALL	480592.1	3666325 NonCancer 0		E+00 0.				0.00E+00		0.00E+00				0.00E+00		0.00E+00	2.23E-04
546 ALL	480612.1	3666325 NonCancer 0						0.00E+00		0.00E+00				0.00E+00		0.00E+00	2.24E-04
547 ALL	480632.1	3666325 NonCancer 0								0.00E+00			0.00E+00				2.24E-04
548 ALL	480652.1	3666325 NonCancer 0								0.00E+00					0.00E+00		2.23E-04
549 ALL	480672.1	3666325 NonCancer 0								0.00E+00							2.24E-04
550 ALL	480692.1	3666325 NonCancer 0								0.00E+00						0.00E+00	
551 ALL	480712.1	3666325 NonCancer 0														0.00E+00	
552 ALL	480732.1	3666325 NonCancer 0															2.29E-04
553 ALL	480752.1	3666325 NonCancer 0								0.00E+00					0.00E+00		2.32E-04
554 ALL	480772.1	3666325 NonCancer 0						0.00E+00		0.00E+00						0.00E+00	2.36E-04
555 ALL	480792.1	3666325 NonCancer 0								0.00E+00							2.40E-04
556 ALL	480812.1	3666325 NonCancer 0								0.00E+00						0.00E+00	
557 ALL	480832.1	3666325 NonCancer 0														0.00E+00	
558 ALL	480852.1	3666325 NonCancer 0														0.00E+00	
559 ALL	480872.1	3666325 NonCancer 0								0.00E+00						0.00E+00	
560 ALL	480892.1	3666325 NonCancer 0								0.00E+00						0.00E+00	
561 ALL	480912.1	3666325 NonCancer 0								0.00E+00						0.00E+00	
562 ALL	480932.1	3666325 NonCancer 0								0.00E+00						0.00E+00	
563 ALL	480952.1	3666325 NonCancer 0					0.00E+00			0.00E+00							2.74E-04
564 ALL	480972.1	3666325 NonCancer 0						0.00E+00		0.00E+00					0.00E+00		2.78E-04
565 ALL	480992.1	3666325 NonCancer 0						0.00E+00		0.00E+00							2.83E-04
566 ALL	481012.1	3666325 NonCancer 0								0.00E+00						0.00E+00	
567 ALL	481032.1	3666325 NonCancer 0				0.00E+00		0.00E+00		0.00E+00							2.92E-04
568 ALL	481052.1	3666325 NonCancer 0				0.00E+00		0.00E+00		0.00E+00						0.00E+00	
569 ALL	481072.1	3666325 NonCancer 0								0.00E+00						0.00E+00	
570 ALL	481092.1	3666325 NonCancer 0								0.00E+00						0.00E+00	
571 ALL	481112.1	3666325 NonCancer 0								0.00E+00						0.00E+00	3.18E-04
572 ALL	481132.1	3666325 NonCancer 0					0.00E+00			0.00E+00					0.00E+00		3.25E-04
573 ALL	481152.1	3666325 NonCancer 0		E+00 0.			0.00E+00			0.00E+00						0.00E+00	3.31E-04
574 ALL	481172.1	3666325 NonCancer 0		E+00 0.		0.00E+00		0.00E+00		0.00E+00				0.00E+00			3.37E-04
575 ALL	480212.1	3666345 NonCancer 0								0.00E+00					0.00E+00 0.00E+00		1.51E-04
576 ALL	480232.1	3666345 NonCancer 0								0.00E+00							1.60E-04
577 ALL 578 ALL	480252.1	3666345 NonCancer 0															
	480272.1 480292.1	3666345 NonCancer 0															
579 ALL	480292.1	3666345 NonCancer 0 3666345 NonCancer 0															
580 ALL																	
581 ALL	480332.1	3666345 NonCancer 0 3666345 NonCancer 0															
582 ALL	480352.1																
583 ALL	480372.1	3666345 NonCancer 0														0.00E+00	
584 ALL	480392.1	3666345 NonCancer 0															
585 ALL	480412.1	3666345 NonCancer 0														0.00E+00	
586 ALL	480432.1 480452.1	3666345 NonCancer 0														0.00E+00	
587 ALL	480452.1 480472.1	3666345 NonCancer 0														0.00E+00	
588 ALL	480472.1	3666345 NonCancer 0														0.00E+00 0.00E+00	
589 ALL	480492.1	3666345 NonCancer 0															
590 ALL	480512.1	3666345 NonCancer 0														0.00E+00	
591 ALL	480532.1	3666345 NonCancer 0														0.00E+00	
592 ALL	480552.1	3666345 NonCancer 0															
593 ALL	480572.1	3666345 NonCancer 0	UULTUU U.UI	r∟∓UU U.	.006700	U.UUETUU	U.UUE+UU	U.UUE+UU	2.43E-U4	0.00E+00	U.UUE+UU	U.UUE+UU	J.UUE+UU	U.UUE+UU	U.UUE+UU	J.UUE+UU	2.43E-U4

594 ALL	480592.1	3666345 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04	0.00E+00	2.42E-04						
595 ALL	480612.1	3666345 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04	0.00E+00	2.42E-04						
596 ALL	480632.1	3666345 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04	0.00E+00	2.43E-04						
597 ALL	480652.1	3666345 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04	0.00E+00	2.42E-04						
598 ALL	480672.1	3666345 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04	0.00E+00	2.41E-04						
599 ALL	480692.1	3666345 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04	0.00E+00	2.41E-04						
600 ALL	480712.1	3666345 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04	0.00E+00	2.43E-04						
601 ALL	480732.1	3666345 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04	0.00E+00	2.46E-04						
602 ALL	480752.1	3666345 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04	0.00E+00	2.46E-04						
603 ALL	480772.1	3666345 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04	0.00E+00	2.48E-04						
604 ALL	480792.1	3666345 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04	0.00E+00	2.52E-04						
605 ALL	480812.1	3666345 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04	0.00E+00	2.56E-04						
606 ALL	480832.1	3666345 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04	0.00E+00	2.59E-04						
607 ALL	480852.1	3666345 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04	0.00E+00	2.63E-04						
608 ALL	480872.1	3666345 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04	0.00E+00	2.67E-04						
609 ALL	480892.1	3666345 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04	0.00E+00	2.72E-04						
610 ALL	480912.1	3666345 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-04	0.00E+00	2.77E-04						
611 ALL	480932.1	3666345 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04	0.00E+00	2.82E-04						
612 ALL	480952.1	3666345 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04	0.00E+00	2.87E-04						
613 ALL	480972.1	3666345 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-04	0.00E+00	2.93E-04						
614 ALL	480992.1	3666345 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04	0.00E+00	2.98E-04						
615 ALL	481012.1	3666345 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04	0.00E+00	3.04E-04						
616 ALL	481032.1	3666345 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04	0.00E+00	3.11E-04						
617 ALL	481052.1	3666345 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04	0.00E+00	3.17E-04						
618 ALL	481072.1	3666345 NonCancer							3.24E-04		0.00E+00			0.00E+00	0.00E+00	0.00E+00	3.24E-04
619 ALL	481092.1	3666345 NonCancer								0.00E+00					0.00E+00	0.00E+00	3.33E-04
620 ALL	481112.1	3666345 NonCancer								0.00E+00					0.00E+00	0.00E+00	3.41E-04
621 ALL	481132.1	3666345 NonCancer							3.49E-04		0.00E+00					0.00E+00	3.49E-04
622 ALL	481152.1	3666345 NonCancer									0.00E+00			0.00E+00	0.00E+00	0.00E+00	3.56E-04
623 ALL	481172.1	3666345 NonCancer								0.00E+00				0.00E+00	0.00E+00	0.00E+00	3.63E-04
624 ALL	480232.1	3666365 NonCancer												0.00E+00	0.00E+00	0.00E+00	1.53E-04
625 ALL	480252.1	3666365 NonCancer								0.00E+00						0.00E+00	1.61E-04
626 ALL	480272.1	3666365 NonCancer								0.00E+00				0.00E+00		0.00E+00	1.65E-04
627 ALL	480292.1	3666365 NonCancer			0.00E+00				1.70E-04		0.00E+00			0.00E+00	0.00E+00	0.00E+00	1.70E-04
628 ALL	480312.1	3666365 NonCancer			0.00E+00				1.76E-04		0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
629 ALL	480332.1	3666365 NonCancer						0.00E+00			0.00E+00			0.00E+00	0.00E+00	0.00E+00	1.80E-04
630 ALL	480352.1	3666365 NonCancer			0.00F+00	0.00F+00	0.00F+00	0.00F+00		0.00E+00							1.82E-04
631 ALL	480372.1	3666365 NonCancer															
632 ALL	480392.1	3666365 NonCancer															1.93E-04
633 ALL	480412.1	3666365 NonCancer															
634 ALL	480432.1	3666365 NonCancer															2.04E-04
635 ALL	480452.1	3666365 NonCancer								0.00E+00							2.23E-04
636 ALL	480472.1	3666365 NonCancer								0.00E+00							2.35E-04
637 ALL	480492.1	3666365 NonCancer								0.00E+00							2.45E-04
638 ALL	480512.1	3666365 NonCancer															
639 ALL	480532.1	3666365 NonCancer								0.00E+00							2.59E-04
640 ALL	480552.1	3666365 NonCancer								0.00E+00							2.61E-04
641 ALL	480572.1	3666365 NonCancer															2.61E-04
641 ALL	480592.1	3666365 NonCancer															
642 ALL 643 ALL	480612.1																
		3666365 NonCancer															
644 ALL	480632.1	3666365 NonCancer								0.00E+00							2.64E-04
645 ALL	480652.1	3666365 NonCancer								0.00E+00							2.64E-04
646 ALL	480672.1	3666365 NonCancer								0.00E+00							2.64E-04
647 ALL	480692.1	3666365 NonCancer	U.UUE+UU	U.UUE+00	U.UUE+00	U.UUE+00	U.UUE+00	U.UUE+UU	2.64E-04	U.UUE+00	U.UUE+00	U.UUE+00	U.UUE+UU	U.UUE+00	U.UUE+00	U.UUE+00	2.64E-04

648 ALL	480712.1	3666365 NonCancer													0.00E+00		2.66E-04
649 ALL	480732.1				0.00E+00		0.00E+00	0.00E+00		0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04
650 ALL	480752.1	3666365 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-04
651 ALL	480772.1	3666365 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04	0.00E+00	2.66E-04						
652 ALL	480792.1	3666365 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	2.70E-04						
653 ALL	480812.1	3666365 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04	0.00E+00	2.72E-04						
654 ALL	480832.1	3666365 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04	0.00E+00	2.74E-04						
655 ALL	480852.1	3666365 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-04	0.00E+00	2.77E-04						
656 ALL	480872.1	3666365 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04	0.00E+00	2.82E-04						
657 ALL	480892.1	3666365 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-04	0.00E+00	2.86E-04						
658 ALL	480912.1	3666365 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-04	0.00E+00	2.90E-04						
659 ALL	480932.1	3666365 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04	0.00E+00	2.96E-04						
660 ALL	480952.1	3666365 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04	0.00E+00	3.02E-04						
661 ALL	480972.1	3666365 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04
662 ALL	480992.1	3666365 NonCancer			0.00E+00		0.00E+00	0.00E+00		0.00E+00		0.00E+00		0.00E+00		0.00E+00	3.14E-04
663 ALL	481012.1	3666365 NonCancer			0.00E+00		0.00E+00	0.00E+00		0.00E+00				0.00E+00		0.00E+00	3.21E-04
664 ALL	481032.1	3666365 NonCancer					0.00E+00	0.00E+00		0.00E+00			0.00E+00	0.00E+00		0.00E+00	3.28E-04
665 ALL	481052.1	3666365 NonCancer			0.00E+00			0.00E+00		0.00E+00		0.00E+00				0.00E+00	3.36E-04
666 ALL	481072.1	3666365 NonCancer			0.00E+00			0.00E+00		0.00E+00						0.00E+00	3.44E-04
667 ALL	481092.1	3666365 NonCancer			0.00E+00			0.00E+00		0.00E+00		0.00E+00				0.00E+00	3.53E-04
668 ALL	481112.1	3666365 NonCancer			0.00E+00			0.00E+00		0.00E+00		0.00E+00				0.00E+00	3.63E-04
	481112.1	3666365 NonCancer						0.00E+00		0.00E+00	0.00E+00		0.00E+00			0.00E+00	3.73E-04
669 ALL	481152.1	3666365 NonCancer									0.00E+00			0.00E+00		0.00E+00	
670 ALL								0.00E+00		0.00E+00			0.00E+00	0.00E+00		0.00E+00 0.00E+00	3.82E-04
671 ALL	481172.1	3666365 NonCancer						0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00			3.92E-04
672 ALL	480252.1	3666385 NonCancer			0.00E+00			0.00E+00		0.00E+00						0.00E+00	1.55E-04
673 ALL	480272.1	3666385 NonCancer			0.00E+00			0.00E+00		0.00E+00			0.00E+00			0.00E+00	1.60E-04
674 ALL	480292.1	3666385 NonCancer			0.00E+00			0.00E+00							0.00E+00		1.64E-04
675 ALL	480312.1	3666385 NonCancer			0.00E+00			0.00E+00		0.00E+00					0.00E+00		1.70E-04
676 ALL	480332.1	3666385 NonCancer			0.00E+00			0.00E+00		0.00E+00		0.00E+00				0.00E+00	1.76E-04
677 ALL	480352.1	3666385 NonCancer			0.00E+00			0.00E+00							0.00E+00		1.80E-04
678 ALL	480372.1	3666385 NonCancer			0.00E+00			0.00E+00					0.00E+00		0.00E+00		1.82E-04
679 ALL	480392.1	3666385 NonCancer			0.00E+00			0.00E+00					0.00E+00		0.00E+00		1.85E-04
680 ALL	480412.1	3666385 NonCancer			0.00E+00			0.00E+00					0.00E+00		0.00E+00		1.88E-04
681 ALL	480432.1	3666385 NonCancer			0.00E+00			0.00E+00					0.00E+00		0.00E+00		1.97E-04
682 ALL	480452.1	3666385 NonCancer			0.00E+00			0.00E+00		0.00E+00					0.00E+00		2.23E-04
683 ALL	480472.1	3666385 NonCancer			0.00E+00								0.00E+00				2.38E-04
684 ALL	480492.1	3666385 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04	0.00E+00	2.52E-04						
685 ALL	480512.1	3666385 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04	0.00E+00	2.63E-04						
686 ALL	480532.1	3666385 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					0.00E+00				2.71E-04
687 ALL	480552.1	3666385 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04	0.00E+00	2.74E-04						
688 ALL	480572.1	3666385 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-04	0.00E+00	2.77E-04						
689 ALL	480592.1	3666385 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04	0.00E+00	2.82E-04						
690 ALL	480612.1	3666385 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-04	0.00E+00	2.86E-04						
691 ALL	480632.1	3666385 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04	0.00E+00	2.87E-04						
692 ALL	480652.1	3666385 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04	0.00E+00	2.88E-04						
693 ALL	480672.1	3666385 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04	0.00E+00	2.89E-04						
694 ALL	480692.1	3666385 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04	0.00E+00	2.91E-04						
695 ALL	480712.1	3666385 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-04	0.00E+00	2.93E-04						
696 ALL	480732.1	3666385 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-04	0.00E+00	2.93E-04						
697 ALL	480752.1	3666385 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-04	0.00E+00	2.90E-04						
698 ALL	480772.1	3666385 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-04	0.00E+00	2.90E-04						
699 ALL	480792.1	3666385 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-04	0.00E+00	2.93E-04						
700 ALL	480812.1	3666385 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-04	0.00E+00	2.94E-04						
701 ALL	480832.1	3666385 NonCancer															2.94E-04

702 ALL 703 ALL 704 ALL 705 ALL 706 ALL 707 ALL	480852.1 480872.1 480892.1	3666385 NonCancer C 3666385 NonCancer C 3666385 NonCancer C	0.00E+00				0.00E+00 0.00E+00			0.00E+00 0.00E+00						0.00E+00 0.00E+00	2.97E-04
704 ALL 705 ALL 706 ALL	480892.1			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	$0.000\pm00$	()()()+()()	()()()+()()	()()()+()()	
705 ALL 706 ALL		3666385 NonCancer C		~ ~ ~ ~ ~ ~													3.00E-04
706 ALL							0.00E+00			0.00E+00			0.00E+00			0.00E+00	3.03E-04
	480912.1	3666385 NonCancer C					0.00E+00			0.00E+00						0.00E+00	3.06E-04
707 ALL	480932.1	3666385 NonCancer C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04
	480952.1	3666385 NonCancer C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-04
708 ALL	480972.1	3666385 NonCancer C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
709 ALL	480992.1	3666385 NonCancer C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-04
710 ALL	481012.1	3666385 NonCancer C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-04
711 ALL	481032.1	3666385 NonCancer C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04
712 ALL	481052.1	3666385 NonCancer C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-04
713 ALL	481072.1	3666385 NonCancer C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-04
714 ALL	481092.1	3666385 NonCancer C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04
715 ALL	481112.1	3666385 NonCancer C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-04
716 ALL	481132.1	3666385 NonCancer C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-04
717 ALL	480272.1	3666405 NonCancer C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
718 ALL	480292.1	3666405 NonCancer C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04
719 ALL	480312.1	3666405 NonCancer C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04
720 ALL	480332.1	3666405 NonCancer C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04
721 ALL	480352.1	3666405 NonCancer C	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
722 ALL	480372.1	3666405 NonCancer C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
723 ALL	480392.1	3666405 NonCancer C	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04
724 ALL	480412.1	3666405 NonCancer C					0.00E+00			0.00E+00				0.00E+00	0.00E+00	0.00E+00	1.91E-04
725 ALL	480432.1	3666405 NonCancer C					0.00E+00			0.00E+00						0.00E+00	1.98E-04
726 ALL	480452.1	3666405 NonCancer C					0.00E+00			0.00E+00				0.00E+00		0.00E+00	2.09E-04
727 ALL	480472.1	3666405 NonCancer C					0.00E+00			0.00E+00				0.00E+00		0.00E+00	2.26E-04
728 ALL	480492.1	3666405 NonCancer C					0.00E+00			0.00E+00						0.00E+00	2.49E-04
729 ALL	480512.1	3666405 NonCancer C					0.00E+00			0.00E+00				0.00E+00		0.00E+00	2.66E-04
730 ALL	480532.1	3666405 NonCancer C					0.00E+00			0.00E+00				0.00E+00		0.00E+00	2.76E-04
731 ALL	480552.1	3666405 NonCancer C								0.00E+00				0.00E+00		0.00E+00	2.82E-04
732 ALL	480572.1	3666405 NonCancer C								0.00E+00						0.00E+00	2.89E-04
733 ALL	480592.1	3666405 NonCancer C					0.00E+00			0.00E+00						0.00E+00	2.95E-04
734 ALL	480612.1	3666405 NonCancer C					0.00E+00			0.00E+00				0.00E+00		0.00E+00	3.00E-04
735 ALL	480632.1	3666405 NonCancer C					0.00E+00			0.00E+00				0.00E+00		0.00E+00	3.08E-04
736 ALL	480652.1	3666405 NonCancer C					0.00E+00			0.00E+00			0.00E+00	0.00E+00		0.00E+00	3.11E-04
737 ALL	480672.1	3666405 NonCancer C					0.00E+00			0.00E+00				0.00E+00		0.00E+00	3.14E-04
738 ALL	480692.1	3666405 NonCancer C					0.00E+00			0.00E+00				0.00E+00		0.00E+00	3.18E-04
739 ALL		3666405 NonCancer C															
740 ALL	480732.1	3666405 NonCancer C											0.00E+00				3.19E-04
740 ALL 741 ALL	480752.1	3666405 NonCancer C															3.19E-04
741 ALL 742 ALL	480772.1	3666405 NonCancer C															3.19E-04
742 ALL 743 ALL	480772.1	3666405 NonCancer C											0.00E+00				3.19E-04 3.20E-04
													0.00E+00				
744 ALL	480812.1	3666405 NonCancer C															3.22E-04
745 ALL	480832.1	3666405 NonCancer C											0.00E+00				3.22E-04
746 ALL	480852.1	3666405 NonCancer 0															3.22E-04
747 ALL	480872.1	3666405 NonCancer C															3.22E-04
748 ALL	480892.1	3666405 NonCancer C															3.26E-04
749 ALL	480912.1	3666405 NonCancer C															3.30E-04
750 ALL	480932.1	3666405 NonCancer 0															3.33E-04
751 ALL	480952.1	3666405 NonCancer 0															3.38E-04
752 ALL	480972.1	3666405 NonCancer 0															3.44E-04
752 411	480992.1	3666405 NonCancer C	J.UUE+00	U.UUE+00	U.UUE+00	U.UUE+00	U.UUE+00	U.UUE+00	3.50E-04	U.UUE+00	U.UUE+00	U.UUE+00	U.UUE+00	U.UUE+00	U.UUE+00	U.UUE+00	3.50E-04
753 ALL		2000040E N		0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	2 5 6 5 5 5	0.00= 00	0.005.00	0.005.00	0.005.00	0.00= 00	0.005.00	0.005.00	2 5 6 5 6 6
753 ALL 754 ALL 755 ALL	481012.1 481032.1	3666405 NonCancer 0															3.56E-04

756 ALL	481052.1	3666405 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-04	0.00E+00	3.72E-04						
757 ALL	481072.1	3666405 NonCancer (					0.00E+00		3.82E-04	0.00E+00	3.82E-04						
758 ALL	481092.1	3666405 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-04	0.00E+00	3.93E-04						
759 ALL	481112.1	3666405 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04	0.00E+00	4.05E-04						
760 ALL	481132.1	3666405 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-04	0.00E+00	4.18E-04						
761 ALL	480272.1	3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04	0.00E+00	1.47E-04						
762 ALL	480292.1	3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	1.53E-04						
763 ALL	480312.1	3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	1.57E-04						
764 ALL	480332.1	3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	1.61E-04						
765 ALL	480352.1	3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	1.67E-04						
766 ALL	480372.1	3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	1.73E-04						
767 ALL	480392.1	3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	1.78E-04						
768 ALL	480412.1	3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	1.87E-04						
769 ALL	480432.1	3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04	0.00E+00	1.98E-04						
770 ALL	480452.1	3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	2.09E-04						
771 ALL	480472.1	3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04	0.00E+00	2.27E-04						
772 ALL	480492.1	3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04	0.00E+00	2.47E-04						
773 ALL	480512.1	3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04	0.00E+00	2.64E-04						
774 ALL	480532.1	3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04	0.00E+00	2.76E-04						
775 ALL	480552.1	3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04	0.00E+00	2.85E-04						
776 ALL	480572.1	3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-04	0.00E+00	2.93E-04						
777 ALL	480592.1	3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04	0.00E+00	3.02E-04						
778 ALL	480612.1	3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04	0.00E+00	3.12E-04						
779 ALL	480632.1	3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-04	0.00E+00	3.22E-04						
780 ALL	480652.1	3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04	0.00E+00	3.28E-04						
781 ALL	480672.1	3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04	0.00E+00	3.34E-04						
782 ALL	480692.1	3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04	0.00E+00	3.39E-04						
783 ALL	480712.1	3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04	0.00E+00	3.41E-04						
784 ALL	480732.1	3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04	0.00E+00	3.46E-04						
785 ALL	480752.1	3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04	0.00E+00	3.49E-04						
786 ALL	480772.1	3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04	0.00E+00	3.50E-04						
787 ALL	480792.1	3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-04	0.00E+00	3.51E-04						
788 ALL	480812.1	3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04	0.00E+00	3.53E-04						
789 ALL	480832.1	3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-04	0.00E+00	3.54E-04						
790 ALL	480852.1	3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04	0.00E+00	3.53E-04						
791 ALL	480872.1	3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04	0.00E+00	3.53E-04						
792 ALL	480892.1	3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-04	0.00E+00	3.54E-04						
793 ALL	480912.1	3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04	0.00E+00	3.58E-04						
794 ALL	480932.1	3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-04	0.00E+00	3.59E-04						
795 ALL	480952.1	3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-04	0.00E+00	3.63E-04						
796 ALL	480972.1	3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04	0.00E+00	3.68E-04						
797 ALL	480992.1	3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04	0.00E+00	3.73E-04						
798 ALL	481012.1	3666425 NonCancer (							3.78E-04	0.00E+00	3.78E-04						
799 ALL	481032.1	3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-04	0.00E+00	3.85E-04						
800 ALL	481052.1	3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-04	0.00E+00	3.93E-04						
801 ALL	481072.1	3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04	0.00E+00	4.02E-04						
802 ALL		3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-04	0.00E+00	4.13E-04						
803 ALL		3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-04	0.00E+00	4.25E-04						
804 ALL		3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04	0.00E+00	4.39E-04						
805 ALL		3666425 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-04	0.00E+00	4.55E-04						
806 ALL	480312.1	3666445 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	1.51E-04						
807 ALL	480332.1	3666445 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04	0.00E+00	1.56E-04						
808 ALL	480352.1	3666445 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	1.60E-04						
809 ALL	480372.1	3666445 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	1.65E-04						

810 ALL	480392.1	3666445 NonCancer								0.00E+00						0.00E+00	1.70E-04
811 ALL	480412.1	3666445 NonCancer			0.00E+00					0.00E+00			0.00E+00		0.00E+00	0.00E+00	1.79E-04
812 ALL	480432.1	3666445 NonCancer			0.00E+00					0.00E+00			0.00E+00		0.00E+00	0.00E+00	1.94E-04
813 ALL	480452.1	3666445 NonCancer			0.00E+00					0.00E+00			0.00E+00		0.00E+00	0.00E+00	2.11E-04
814 ALL	480472.1	3666445 NonCancer			0.00E+00					0.00E+00			0.00E+00		0.00E+00	0.00E+00	2.28E-04
815 ALL	480492.1	3666445 NonCancer			0.00E+00		0.00E+00			0.00E+00			0.00E+00		0.00E+00	0.00E+00	2.43E-04
816 ALL	480512.1	3666445 NonCancer			0.00E+00					0.00E+00			0.00E+00		0.00E+00	0.00E+00	2.58E-04
817 ALL	480532.1	3666445 NonCancer			0.00E+00					0.00E+00					0.00E+00	0.00E+00	2.72E-04
818 ALL	480552.1	3666445 NonCancer			0.00E+00					0.00E+00						0.00E+00	2.83E-04
819 ALL	480572.1	3666445 NonCancer			0.00E+00					0.00E+00						0.00E+00	2.92E-04
820 ALL	480592.1	3666445 NonCancer								0.00E+00						0.00E+00	3.04E-04
821 ALL	480612.1	3666445 NonCancer														0.00E+00	3.19E-04
822 ALL	480632.1	3666445 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00								0.00E+00	3.27E-04
823 ALL	480652.1	3666445 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04	0.00E+00	3.37E-04						
824 ALL	480672.1	3666445 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04	0.00E+00	3.46E-04						
825 ALL	480692.1	3666445 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-04	0.00E+00	3.52E-04						
826 ALL	480712.1	3666445 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04	0.00E+00	3.56E-04						
827 ALL	480732.1	3666445 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04	0.00E+00	3.67E-04						
828 ALL	480752.1	3666445 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-04	0.00E+00	3.74E-04						
829 ALL	480772.1	3666445 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-04	0.00E+00	3.78E-04						
830 ALL	480792.1	3666445 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04	0.00E+00	3.81E-04						
831 ALL	480812.1	3666445 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-04	0.00E+00	3.84E-04						
832 ALL	480832.1	3666445 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04	0.00E+00	3.87E-04						
833 ALL	480852.1	3666445 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-04	0.00E+00	3.88E-04						
834 ALL	480872.1	3666445 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-04	0.00E+00	3.88E-04						
835 ALL	480892.1	3666445 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-04	0.00E+00	3.88E-04						
836 ALL	480912.1	3666445 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-04	0.00E+00	3.90E-04						
837 ALL	480932.1	3666445 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-04	0.00E+00	3.91E-04						
838 ALL	480952.1	3666445 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-04	0.00E+00	3.93E-04						
839 ALL	480972.1	3666445 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-04	0.00E+00	3.99E-04						
840 ALL	480992.1	3666445 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04	0.00E+00	4.03E-04						
841 ALL	481012.1	3666445 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-04	0.00E+00	4.07E-04						
842 ALL	481032.1	3666445 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04	0.00E+00	4.12E-04						
843 ALL	481052.1	3666445 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04	0.00E+00	4.19E-04						
844 ALL	481072.1	3666445 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-04	0.00E+00	4.27E-04						
845 ALL	481092.1	3666445 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-04	0.00E+00	4.36E-04						
846 ALL	480352.1	3666465 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	1.49E-04						
847 ALL	480372.1	3666465 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	1.59E-04						
848 ALL	480392.1	3666465 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	1.64E-04						
849 ALL	480412.1	3666465 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	1.71E-04						
850 ALL	480432.1	3666465 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	1.83E-04						
851 ALL	480452.1	3666465 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04	0.00E+00	1.97E-04						
852 ALL	480472.1	3666465 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	2.13E-04						
853 ALL	480492.1	3666465 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	2.33E-04						
854 ALL	480512.1	3666465 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04	0.00E+00	2.51E-04						
855 ALL	480532.1	3666465 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04	0.00E+00	2.63E-04						
856 ALL	480552.1	3666465 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04	0.00E+00	2.75E-04						
857 ALL	480572.1	3666465 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04	0.00E+00	2.87E-04						
858 ALL	480592.1	3666465 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04	0.00E+00	3.03E-04						
859 ALL	480612.1	3666465 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-04	0.00E+00	3.18E-04						
860 ALL	480632.1	3666465 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04	0.00E+00	3.23E-04						
861 ALL	480652.1	3666465 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-04	0.00E+00	3.38E-04						
862 ALL	480672.1	3666465 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04	0.00E+00	3.50E-04						
863 ALL	480692.1	3666465 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04	0.00E+00	3.58E-04						

004 411	400740.4	2555555															
864 ALL	480712.1	3666465 NonCancer													0.00E+00		3.67E-04
865 ALL	480732.1				0.00E+00		0.00E+00	0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-04
866 ALL	480752.1				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-04
867 ALL	480772.1	3666465 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04	0.00E+00	4.00E-04						
868 ALL	480792.1	3666465 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04	0.00E+00	4.03E-04						
869 ALL	480812.1	3666465 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04	0.00E+00	4.08E-04						
870 ALL	480832.1	3666465 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-04	0.00E+00	4.14E-04						
871 ALL	480852.1	3666465 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-04	0.00E+00	4.20E-04						
872 ALL	480872.1	3666465 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04	0.00E+00	4.23E-04						
873 ALL	480892.1	3666465 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-04	0.00E+00	4.24E-04						
874 ALL	480912.1	3666465 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-04	0.00E+00	4.27E-04						
875 ALL	480932.1	3666465 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-04	0.00E+00	4.29E-04						
876 ALL	480952.1	3666465 NonCancer	0.00F+00	0.00F+00	0.00E+00	0.00F+00	0.00E+00	0.00E+00	4.32F-04	0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04
877 ALL	480972.1	3666465 NonCancer			0.00E+00		0.00E+00	0.00E+00		0.00E+00			0.00E+00	0.00E+00		0.00E+00	4.36E-04
878 ALL	480992.1	3666465 NonCancer			0.00E+00		0.00E+00	0.00E+00		0.00E+00				0.00E+00		0.00E+00	4.39E-04
879 ALL	481012.1	3666465 NonCancer			0.00E+00		0.00E+00	0.00E+00		0.00E+00				0.00E+00		0.00E+00	4.43E-04
	481012.1	3666465 NonCancer					0.00E+00	0.00E+00		0.00E+00		0.00E+00	0.00E+00			0.00E+00	4.43E-04 4.47E-04
880 ALL									_					0.00E+00	0.00E+00		_
881 ALL	481052.1	3666465 NonCancer			0.00E+00			0.00E+00		0.00E+00						0.00E+00	4.52E-04
882 ALL	480372.1	3666485 NonCancer			0.00E+00			0.00E+00		0.00E+00						0.00E+00	1.45E-04
883 ALL	480392.1	3666485 NonCancer			0.00E+00					0.00E+00		0.00E+00				0.00E+00	1.54E-04
884 ALL	480412.1	3666485 NonCancer			0.00E+00			0.00E+00	1.63E-04								
885 ALL	480432.1	3666485 NonCancer						0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	1.75E-04
886 ALL	480452.1	3666485 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	1.88E-04						
887 ALL	480472.1	3666485 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	2.03E-04						
888 ALL	480492.1	3666485 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	2.21E-04						
889 ALL	480512.1	3666485 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	2.37E-04						
890 ALL	480532.1	3666485 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04	0.00E+00	2.49E-04						
891 ALL	480552.1	3666485 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04	0.00E+00	2.63E-04						
892 ALL	480572.1	3666485 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-04	0.00E+00	2.80E-04						
893 ALL	480592.1	3666485 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04	0.00E+00	2.96E-04						
894 ALL	480612.1	3666485 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-04	0.00E+00	3.10E-04						
895 ALL	480632.1	3666485 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-04	0.00E+00	3.18E-04						
896 ALL	480652.1	3666485 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-04	0.00E+00	3.31E-04						
897 ALL	480672.1	3666485 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04	0.00E+00	3.45E-04						
898 ALL	480692.1	3666485 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04	0.00E+00	3.58E-04						
899 ALL	480712.1	3666485 NonCancer			0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-04	0.00E+00	3.69E-04						
900 ALL	480732.1	3666485 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04	0.00E+00	3.79E-04						
901 ALL	480752.1	3666485 NonCancer															3.94E-04
902 ALL	480772.1	3666485 NonCancer											0.00E+00				4.08E-04
903 ALL	480792.1	3666485 NonCancer											0.00E+00				4.18E-04
904 ALL	480732.1	3666485 NonCancer											0.00E+00				4.18E-04 4.25E-04
905 ALL	480832.1	3666485 NonCancer											0.00E+00				4.25E-04 4.36E-04
906 ALL		3666485 NonCancer											0.00E+00				
	480852.1																4.45E-04
907 ALL	480872.1	3666485 NonCancer											0.00E+00				4.51E-04
908 ALL	480892.1	3666485 NonCancer											0.00E+00				4.56E-04
909 ALL	480912.1	3666485 NonCancer											0.00E+00				4.62E-04
910 ALL	480932.1	3666485 NonCancer											0.00E+00				4.66E-04
911 ALL	480952.1	3666485 NonCancer											0.00E+00				4.70E-04
912 ALL	480972.1	3666485 NonCancer															4.75E-04
913 ALL	480992.1	3666485 NonCancer															4.79E-04
914 ALL	480412.1	3666505 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04	0.00E+00	1.55E-04						
915 ALL	480432.1	3666505 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00	1.70E-04						
916 ALL	480452.1	3666505 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	1.83E-04						
917 ALL	480472.1	3666505 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	1.96E-04						

918 ALL	480492.1	3666505 NonCancer (								0.00E+00			0.00E+00			0.00E+00	2.09E-04
919 ALL	480512.1	3666505 NonCancer (	0.00E+00	0.00E+00	0.00E+00			0.00E+00		0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04
920 ALL	480532.1	3666505 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00		0.00E+00			0.00E+00	2.33E-04
921 ALL	480552.1	3666505 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04
922 ALL	480572.1	3666505 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	2.70E-04						
923 ALL	480592.1	3666505 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04	0.00E+00	2.84E-04						
924 ALL	480612.1	3666505 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04	0.00E+00	2.96E-04						
925 ALL	480632.1	3666505 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04	0.00E+00	3.12E-04						
926 ALL	480652.1	3666505 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04	0.00E+00	3.19E-04						
927 ALL	480672.1	3666505 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04	0.00E+00	3.34E-04						
928 ALL	480692.1	3666505 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-04	0.00E+00	3.52E-04						
929 ALL	480712.1	3666505 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-04	0.00E+00	3.64E-04						
930 ALL	480732.1	3666505 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04	0.00E+00	3.77E-04						
931 ALL	480752.1	3666505 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-04	0.00E+00	3.89E-04						
932 ALL	480772.1	3666505 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04	0.00E+00	4.05E-04						
933 ALL	480792.1	3666505 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04	0.00E+00	4.23E-04						
934 ALL	480812.1	3666505 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04	0.00E+00	4.33E-04						
935 ALL	480832.1	3666505 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04	0.00E+00	4.48E-04						
936 ALL	480852.1	3666505 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-04	0.00E+00	4.59E-04						
937 ALL	480872.1	3666505 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-04	0.00E+00	4.70E-04						
938 ALL	480892.1	3666505 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04	0.00E+00	4.80E-04						
939 ALL	480912.1	3666505 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-04	0.00E+00	4.89E-04						
940 ALL	480932.1	3666505 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-04	0.00E+00	4.97E-04						
941 ALL	480952.1	3666505 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04	0.00E+00	5.04E-04						
942 ALL	480432.1	3666525 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	1.57E-04						
943 ALL	480452.1	3666525 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	1.72E-04						
944 ALL	480472.1	3666525 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00	1.81E-04						
945 ALL	480492.1	3666525 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	1.94E-04						
946 ALL	480512.1	3666525 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00	2.08E-04						
947 ALL	480532.1	3666525 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	2.21E-04						
948 ALL	480552.1	3666525 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	2.40E-04						
949 ALL	480572.1	3666525 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04	0.00E+00	2.54E-04						
950 ALL	480592.1	3666525 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	2.70E-04						
951 ALL	480612.1	3666525 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04	0.00E+00	2.88E-04						
952 ALL	480632.1	3666525 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04	0.00E+00	3.01E-04						
953 ALL	480652.1	3666525 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-04	0.00E+00	3.10E-04						
954 ALL	480672.1	3666525 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04	0.00E+00	3.21E-04						
955 ALL	480692.1	3666525 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04	0.00E+00	3.36E-04						
956 ALL	480712.1	3666525 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-04	0.00E+00	3.55E-04						
957 ALL	480732.1	3666525 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04	0.00E+00	3.70E-04						
958 ALL	480752.1	3666525 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04	0.00E+00	3.83E-04						
959 ALL	480772.1	3666525 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-04	0.00E+00	4.01E-04						
960 ALL	480792.1	3666525 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-04	0.00E+00	4.22E-04						
961 ALL	480812.1	3666525 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04	0.00E+00	4.33E-04						
962 ALL	480832.1	3666525 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04	0.00E+00	4.50E-04						
963 ALL	480852.1	3666525 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-04	0.00E+00	4.66E-04						
964 ALL	480872.1	3666525 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04	0.00E+00	4.80E-04						
965 ALL	480892.1	3666525 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-04	0.00E+00	4.93E-04						
966 ALL	480912.1	3666525 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-04	0.00E+00	5.06E-04						
967 ALL	480452.1	3666545 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	1.61E-04						
968 ALL	480472.1	3666545 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	1.74E-04						
969 ALL	480492.1	3666545 NonCancer (	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	1.87E-04						
970 ALL	480512.1	3666545 NonCancer (															
971 ALL		3666545 NonCancer (															

972 ALL	480552.1	3666545 NonCancer						0.00E+00		0.00E+00			0.00E+00	0.00E+00		0.00E+00	2.31E-04
973 ALL	480572.1	3666545 NonCancer					0.00E+00	0.00E+00					0.00E+00			0.00E+00	2.42E-04
974 ALL	480592.1	3666545 NonCancer		0.00E+00			0.00E+00	0.00E+00		0.00E+00			0.00E+00	0.00E+00		0.00E+00	2.54E-04
975 ALL	480612.1	3666545 NonCancer		0.00E+00		0.00E+00		0.00E+00		0.00E+00			0.00E+00	0.00E+00		0.00E+00	2.72E-04
976 ALL	480632.1	3666545 NonCancer				0.00E+00		0.00E+00		0.00E+00			0.00E+00	0.00E+00		0.00E+00	2.91E-04
977 ALL	480652.1	3666545 NonCancer				0.00E+00	3.02E-04										
978 ALL	480672.1	3666545 NonCancer				0.00E+00	3.11E-04										
979 ALL	480692.1	3666545 NonCancer		0.00E+00		0.00E+00		0.00E+00		0.00E+00			0.00E+00	0.00E+00		0.00E+00	3.24E-04
980 ALL	480712.1	3666545 NonCancer				0.00E+00		0.00E+00		0.00E+00				0.00E+00		0.00E+00	3.46E-04
981 ALL	480732.1	3666545 NonCancer				0.00E+00		0.00E+00		0.00E+00				0.00E+00		0.00E+00	3.61E-04
982 ALL	480752.1	3666545 NonCancer				0.00E+00		0.00E+00		0.00E+00				0.00E+00		0.00E+00	3.74E-04
983 ALL	480772.1	3666545 NonCancer				0.00E+00				0.00E+00				0.00E+00		0.00E+00	3.91E-04
984 ALL	480792.1	3666545 NonCancer				0.00E+00		0.00E+00		0.00E+00				0.00E+00		0.00E+00	4.12E-04
985 ALL	480812.1	3666545 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-04
986 ALL	480832.1	3666545 NonCancer			0.00E+00			0.00E+00		0.00E+00			0.00E+00			0.00E+00	4.46E-04
987 ALL	480852.1	3666545 NonCancer			0.00E+00			0.00E+00		0.00E+00	4.64E-04						
988 ALL	480872.1	3666545 NonCancer			0.00E+00		0.00E+00	0.00E+00				0.00E+00	0.00E+00			0.00E+00	4.81E-04
989 ALL	480452.1	3666565 NonCancer			0.00E+00			0.00E+00		0.00E+00			0.00E+00		0.00E+00		1.53E-04
990 ALL	480472.1	3666565 NonCancer			0.00E+00			0.00E+00		0.00E+00			0.00E+00		0.00E+00		1.73E-04
991 ALL	480492.1	3666565 NonCancer			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-04
992 ALL	480512.1	3666565 NonCancer			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-04
993 ALL	480532.1	3666565 NonCancer				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-04
994 ALL	480552.1	3666565 NonCancer			0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04
995 ALL	480572.1	3666565 NonCancer	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00				0.00E+00	0.00E+00		0.00E+00	0.00E+00	2.33E-04
996 ALL	480592.1	3666565 NonCancer	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00				0.00E+00	0.00E+00			0.00E+00	2.40E-04
997 ALL	480612.1	3666565 NonCancer			0.00E+00		0.00E+00	0.00E+00				0.00E+00	0.00E+00			0.00E+00	2.52E-04
998 ALL	480632.1	3666565 NonCancer			0.00E+00		0.00E+00	0.00E+00		0.00E+00			0.00E+00			0.00E+00	2.85E-04
999 ALL	480652.1	3666565 NonCancer			0.00E+00		0.00E+00	0.00E+00				0.00E+00	0.00E+00			0.00E+00	2.98E-04
1000 ALL	480672.1	3666565 NonCancer			0.00E+00		0.00E+00	0.00E+00	3.06E-04			0.00E+00	0.00E+00			0.00E+00	3.06E-04
1001 ALL	480692.1	3666565 NonCancer		0.00E+00			0.00E+00	0.00E+00	3.18E-04	0.00E+00		0.00E+00	0.00E+00			0.00E+00	3.18E-04
1002 ALL	480712.1	3666565 NonCancer		0.00E+00	0.00E+00		0.00E+00	0.00E+00	3.39E-04			0.00E+00	0.00E+00	0.00E+00		0.00E+00	3.39E-04
1003 ALL	480732.1	3666565 NonCancer					0.00E+00	0.00E+00	3.52E-04			0.00E+00	0.00E+00	0.00E+00		0.00E+00	3.52E-04
1004 ALL	480752.1	3666565 NonCancer					0.00E+00	0.00E+00	3.66E-04			0.00E+00	0.00E+00	0.00E+00		0.00E+00	3.66E-04
1005 ALL	480772.1	3666565 NonCancer			0.00E+00		0.00E+00	0.00E+00		0.00E+00			0.00E+00			0.00E+00	3.80E-04
1006 ALL	480792.1	3666565 NonCancer			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-04
1007 ALL	480812.1	3666565 NonCancer		0.00E+00	0.00E+00		0.00E+00	0.00E+00	4.21E-04			0.00E+00	0.00E+00			0.00E+00	4.21E-04
1008 ALL	480832.1	3666565 NonCancer		0.00E+00				0.00E+00		0.00E+00			0.00E+00	0.00E+00		0.00E+00	4.40E-04
1009 ALL	480852.1																
1010 ALL	480872.1	3666565 NonCancer						0.00E+00		0.00E+00				0.00E+00			4.76E-04
1011 ALL	480892.1															0.00E+00	
1012 ALL	480472.1	3666585 NonCancer															
1013 ALL	480492.1	3666585 NonCancer														0.00E+00	
1014 ALL	480512.1	3666585 NonCancer														0.00E+00	
1015 ALL	480532.1	3666585 NonCancer														0.00E+00	
1016 ALL	480552.1	3666585 NonCancer														0.00E+00	
1017 ALL	480572.1	3666585 NonCancer								0.00E+00						0.00E+00	
1018 ALL	480592.1	3666585 NonCancer														0.00E+00	
1019 ALL	480612.1	3666585 NonCancer														0.00E+00	
1020 ALL	480632.1	3666585 NonCancer														0.00E+00	
1021 ALL	480652.1	3666585 NonCancer														0.00E+00	
1022 ALL	480672.1	3666585 NonCancer								0.00E+00							3.06E-04
1023 ALL	480692.1									0.00E+00							3.16E-04
1024 ALL	480712.1	3666585 NonCancer								0.00E+00							3.29E-04
1025 ALL	480732.1	3666585 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-04	0.00E+00	3.48E-04						

1026 ALL	400753.1	2666ERE NonConcor	0.005+00	0.005+00	0.005+00	0.005+00	0.005+00	0.005+00	2 655 04	0.005+00	0.005+00	0.005+00	0.005+00	0.005+00	0.005+00	0.005+00	2 655 04
1026 ALL	480752.1	3666585 NonCancer						0.00E+00	3.65E-04								
1027 ALL	480772.1	3666585 NonCancer					0.00E+00	0.00E+00					0.00E+00			0.00E+00	3.81E-04
1028 ALL	480792.1	3666585 NonCancer						0.00E+00		0.00E+00			0.00E+00	0.00E+00		0.00E+00	3.96E-04
1029 ALL	480812.1	3666585 NonCancer			0.00E+00			0.00E+00	4.16E-04								
1030 ALL	480832.1	3666585 NonCancer			0.00E+00			0.00E+00	4.33E-04								
1031 ALL	480852.1	3666585 NonCancer			0.00E+00			0.00E+00	4.52E-04								
1032 ALL	480872.1	3666585 NonCancer			0.00E+00			0.00E+00	4.71E-04								
1033 ALL	480892.1	3666585 NonCancer			0.00E+00			0.00E+00		0.00E+00		0.00E+00				0.00E+00	4.91E-04
1034 ALL	480472.1	3666605 NonCancer			0.00E+00			0.00E+00		0.00E+00				0.00E+00		0.00E+00	1.80E-04
1035 ALL	480492.1	3666605 NonCancer			0.00E+00					0.00E+00				0.00E+00		0.00E+00	1.91E-04
1036 ALL	480512.1	3666605 NonCancer			0.00E+00					0.00E+00				0.00E+00		0.00E+00	1.99E-04
1037 ALL	480532.1	3666605 NonCancer			0.00E+00					0.00E+00				0.00E+00		0.00E+00	2.07E-04
1038 ALL	480552.1	3666605 NonCancer			0.00E+00					0.00E+00				0.00E+00		0.00E+00	2.22E-04
1039 ALL	480572.1	3666605 NonCancer			0.00E+00					0.00E+00						0.00E+00	2.38E-04
1040 ALL	480592.1	3666605 NonCancer			0.00E+00			0.00E+00		0.00E+00			0.00E+00			0.00E+00	2.50E-04
1041 ALL	480612.1	3666605 NonCancer			0.00E+00			0.00E+00		0.00E+00			0.00E+00	0.00E+00		0.00E+00	2.59E-04
1042 ALL	480632.1	3666605 NonCancer						0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00		0.00E+00	2.79E-04
1043 ALL	480652.1	3666605 NonCancer			0.00E+00			0.00E+00		0.00E+00							2.97E-04
1044 ALL	480672.1	3666605 NonCancer			0.00E+00			0.00E+00		0.00E+00				0.00E+00			3.11E-04
1045 ALL	480692.1	3666605 NonCancer			0.00E+00			0.00E+00		0.00E+00			0.00E+00	0.00E+00	0.00E+00		3.22E-04
1046 ALL	480712.1	3666605 NonCancer			0.00E+00			0.00E+00		0.00E+00			0.00E+00	0.00E+00			3.33E-04
1047 ALL	480732.1	3666605 NonCancer			0.00E+00		0.00E+00	0.00E+00		0.00E+00			0.00E+00	0.00E+00		0.00E+00	3.51E-04
1048 ALL	480752.1	3666605 NonCancer					0.00E+00	0.00E+00		0.00E+00			0.00E+00	0.00E+00		0.00E+00	3.68E-04
1049 ALL	480772.1	3666605 NonCancer					0.00E+00	0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00		0.00E+00	3.85E-04
1050 ALL	480792.1	3666605 NonCancer					0.00E+00	0.00E+00		0.00E+00			0.00E+00	0.00E+00		0.00E+00	4.01E-04
1051 ALL	480812.1	3666605 NonCancer					0.00E+00	0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00		0.00E+00	4.18E-04
1052 ALL	480832.1	3666605 NonCancer			0.00E+00		0.00E+00	0.00E+00		0.00E+00			0.00E+00				4.36E-04
1053 ALL	480852.1	3666605 NonCancer			0.00E+00		0.00E+00	0.00E+00		0.00E+00			0.00E+00	0.00E+00		0.00E+00	4.54E-04
1054 ALL	480872.1	3666605 NonCancer					0.00E+00	0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00		0.00E+00	4.73E-04
1055 ALL	480892.1	3666605 NonCancer		0.00E+00			0.00E+00	0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00		0.00E+00	4.94E-04
1056 ALL	480912.1	3666605 NonCancer		0.00E+00			0.00E+00	0.00E+00	5.14E-04			0.00E+00	0.00E+00	0.00E+00		0.00E+00	5.14E-04
1057 ALL	480492.1	3666625 NonCancer					0.00E+00	0.00E+00	1.95E-04				0.00E+00	0.00E+00		0.00E+00	1.95E-04
1058 ALL	480512.1	3666625 NonCancer					0.00E+00	0.00E+00	2.06E-04			0.00E+00	0.00E+00	0.00E+00		0.00E+00	2.06E-04
1059 ALL	480532.1	3666625 NonCancer			0.00E+00			0.00E+00	_	0.00E+00			0.00E+00	0.00E+00		0.00E+00	2.11E-04
1060 ALL	480552.1	3666625 NonCancer			0.00E+00			0.00E+00					0.00E+00	0.00E+00		0.00E+00	2.15E-04
1061 ALL	480572.1	3666625 NonCancer		0.00E+00			0.00E+00	0.00E+00	2.39E-04		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04
1062 ALL	480592.1	3666625 NonCancer			0.00E+00			0.00E+00		0.00E+00			0.00E+00			0.00E+00	2.58E-04
1063 ALL	480612.1																
1064 ALL	480632.1	3666625 NonCancer						0.00E+00		0.00E+00					0.00E+00		2.74E-04
1065 ALL	480652.1																
1066 ALL	480672.1	3666625 NonCancer														0.00E+00	
1067 ALL	480692.1	3666625 NonCancer														0.00E+00	
1068 ALL	480712.1	3666625 NonCancer														0.00E+00	
1069 ALL	480732.1	3666625 NonCancer														0.00E+00	
1070 ALL	480752.1															0.00E+00	
1071 ALL	480772.1	3666625 NonCancer														0.00E+00	
1072 ALL	480792.1	3666625 NonCancer														0.00E+00	
1073 ALL	480812.1	3666625 NonCancer														0.00E+00	
1074 ALL	480832.1	3666625 NonCancer														0.00E+00	
1075 ALL	480852.1	3666625 NonCancer														0.00E+00	
1076 ALL	480872.1	3666625 NonCancer														0.00E+00	
1077 ALL	480892.1	3666625 NonCancer														0.00E+00	
1078 ALL	480912.1	3666625 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-04	0.00E+00	5.21E-04						
1079 ALL	480492.1	3666645 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04	0.00E+00	1.99E-04						

1000 111	400542.4	200004F N0	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	2 4 4 5 0 4	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	2 4 4 5 0 4
1080 ALL	480512.1	3666645 NonCancer				0.00E+00		0.00E+00				0.00E+00			0.00E+00	0.00E+00	2.14E-04
1081 ALL	480532.1	3666645 NonCancer			0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	2.20E-04						
1082 ALL	480552.1	3666645 NonCancer			0.00E+00		0.00E+00	0.00E+00		0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04
1083 ALL	480572.1	3666645 NonCancer			0.00E+00			0.00E+00		0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04
1084 ALL	480592.1	3666645 NonCancer			0.00E+00			0.00E+00		0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00	2.66E-04
1085 ALL	480612.1	3666645 NonCancer			0.00E+00			0.00E+00		0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00	2.77E-04
1086 ALL	480632.1	3666645 NonCancer			0.00E+00			0.00E+00		0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00	2.88E-04
1087 ALL	480652.1	3666645 NonCancer			0.00E+00		0.00E+00	0.00E+00		0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04
1088 ALL	480672.1	3666645 NonCancer						0.00E+00		0.00E+00	0.00E+00					0.00E+00	3.22E-04
1089 ALL	480692.1	3666645 NonCancer						0.00E+00		0.00E+00				0.00E+00		0.00E+00	3.37E-04
1090 ALL	480712.1	3666645 NonCancer								0.00E+00				0.00E+00		0.00E+00	3.52E-04
1091 ALL	480732.1	3666645 NonCancer						0.00E+00		0.00E+00				0.00E+00		0.00E+00	3.67E-04
1092 ALL	480752.1	3666645 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-04	0.00E+00	3.84E-04						
1093 ALL	480772.1	3666645 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-04	0.00E+00	4.01E-04						
1094 ALL	480792.1	3666645 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04	0.00E+00	4.19E-04						
1095 ALL	480812.1	3666645 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04	0.00E+00	4.40E-04						
1096 ALL	480832.1	3666645 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-04	0.00E+00	4.60E-04						
1097 ALL	480852.1	3666645 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-04	0.00E+00	4.78E-04						
1098 ALL	480872.1	3666645 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-04	0.00E+00	4.96E-04						
1099 ALL	480892.1	3666645 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-04	0.00E+00	5.14E-04						
1100 ALL	480912.1	3666645 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-04	0.00E+00	5.32E-04						
1101 ALL	480932.1	3666645 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-04	0.00E+00	5.52E-04						
1102 ALL	480492.1	3666665 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04	0.00E+00	1.97E-04						
1103 ALL	480512.1	3666665 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04	0.00E+00	2.14E-04						
1104 ALL	480532.1	3666665 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04	0.00E+00	2.24E-04						
1105 ALL	480552.1	3666665 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04	0.00E+00	2.30E-04						
1106 ALL	480572.1	3666665 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04	0.00E+00	2.51E-04						
1107 ALL	480592.1	3666665 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	2.70E-04						
1108 ALL	480612.1	3666665 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04	0.00E+00	2.82E-04						
1109 ALL	480632.1	3666665 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04	0.00E+00	2.95E-04						
1110 ALL	480652.1	3666665 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-04	0.00E+00	3.09E-04						
1111 ALL	480672.1	3666665 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04	0.00E+00	3.23E-04						
1112 ALL	480692.1	3666665 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-04	0.00E+00	3.38E-04						
1113 ALL	480712.1	3666665 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-04	0.00E+00	3.54E-04						
1114 ALL	480732.1	3666665 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04	0.00E+00	3.71E-04						
1115 ALL	480752.1	3666665 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-04	0.00E+00	3.89E-04						
1116 ALL	480772.1	3666665 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04	0.00E+00	4.08E-04						
1117 ALL	480792.1	3666665 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04	0.00E+00	4.26E-04						
1118 ALL	480812.1	3666665 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-04	0.00E+00	4.47E-04						
1119 ALL	480832.1	3666665 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04	0.00E+00	4.67E-04						
1120 ALL	480852.1	3666665 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-04	0.00E+00	4.87E-04						
1121 ALL	480872.1	3666665 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-04	0.00E+00	5.07E-04						
1122 ALL	480892.1	3666665 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04	0.00E+00	5.25E-04						
1123 ALL	480912.1	3666665 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-04	0.00E+00	5.45E-04						
1124 ALL	480932.1	3666665 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-04	0.00E+00	5.67E-04						
1125 ALL	480512.1	3666685 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	2.02E-04						
1126 ALL	480532.1	3666685 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04	0.00E+00	2.19E-04						
1127 ALL	480552.1	3666685 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04	0.00E+00	2.34E-04						
1128 ALL	480572.1	3666685 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04	0.00E+00	2.50E-04						
1129 ALL	480592.1	3666685 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-04	0.00E+00	2.65E-04						
1130 ALL	480612.1	3666685 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04	0.00E+00	2.79E-04						
1131 ALL	480632.1	3666685 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04	0.00E+00	2.91E-04						
1132 ALL	480652.1	3666685 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04	0.00E+00	3.06E-04						
1133 ALL	480672.1	3666685 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04	0.00E+00	3.21E-04						

1134 ALL	480692.1	3666685 NonCancer						0.00E+00		0.00E+00		0.00E+00			0.00E+00	0.00E+00	3.36E-04
1135 ALL	480712.1	3666685 NonCancer			0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	3.53E-04						
1136 ALL	480732.1	3666685 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-04	0.00E+00	3.69E-04						
1137 ALL	480752.1	3666685 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04	0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00	3.87E-04
1138 ALL	480772.1	3666685 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04	0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00	4.06E-04
1139 ALL	480792.1	3666685 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-04	0.00E+00	4.24E-04						
1140 ALL	480812.1	3666685 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-04	0.00E+00	4.41E-04						
1141 ALL	480832.1	3666685 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-04	0.00E+00	4.62E-04						
1142 ALL	480852.1	3666685 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-04	0.00E+00	4.85E-04						
1143 ALL	480872.1	3666685 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04	0.00E+00	5.09E-04						
1144 ALL	480892.1	3666685 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-04	0.00E+00	5.29E-04						
1145 ALL	480912.1	3666685 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-04	0.00E+00	5.53E-04						
1146 ALL	480932.1	3666685 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-04	0.00E+00	5.77E-04						
1147 ALL	480512.1	3666705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	1.89E-04						
1148 ALL	480532.1	3666705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	2.06E-04						
1149 ALL	480552.1	3666705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04	0.00E+00	2.22E-04						
1150 ALL	480572.1	3666705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	2.40E-04						
1151 ALL	480592.1	3666705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04	0.00E+00	2.55E-04						
1152 ALL	480612.1	3666705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04	0.00E+00	2.68E-04						
1153 ALL	480632.1	3666705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04	0.00E+00	2.82E-04						
1154 ALL	480652.1	3666705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04	0.00E+00	2.97E-04						
1155 ALL	480672.1	3666705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04	0.00E+00	3.12E-04						
1156 ALL	480692.1	3666705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04	0.00E+00	3.27E-04						
1157 ALL	480712.1	3666705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04	0.00E+00	3.42E-04						
1158 ALL	480732.1	3666705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04	0.00E+00	3.58E-04						
1159 ALL	480752.1	3666705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-04	0.00E+00	3.74E-04						
1160 ALL	480772.1	3666705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04	0.00E+00	3.92E-04						
1161 ALL	480792.1	3666705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04	0.00E+00	4.11E-04						
1162 ALL	480812.1	3666705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-04	0.00E+00	4.27E-04						
1163 ALL	480832.1	3666705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-04	0.00E+00	4.47E-04						
1164 ALL	480852.1	3666705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04	0.00E+00	4.72E-04						
1165 ALL	480872.1	3666705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-04	0.00E+00	4.98E-04						
1166 ALL	480892.1	3666705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04	0.00E+00	5.20E-04						
1167 ALL	480912.1	3666705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-04	0.00E+00	5.45E-04						
1168 ALL	480932.1	3666705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-04	0.00E+00	5.73E-04						
1169 ALL	480952.1	3666705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04	0.00E+00	6.03E-04						
1170 ALL	480532.1	3666725 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	1.90E-04						
1171 ALL	480552.1	3666725 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	2.05E-04						
1172 ALL	480572.1	3666725 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04	0.00E+00	2.23E-04						
1173 ALL	480592.1	3666725 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04	0.00E+00	2.39E-04						
1174 ALL	480612.1	3666725 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04	0.00E+00	2.51E-04						
1175 ALL	480632.1	3666725 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04	0.00E+00	2.66E-04						
1176 ALL	480652.1	3666725 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04	0.00E+00	2.81E-04						
1177 ALL	480672.1	3666725 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04	0.00E+00	2.95E-04						
1178 ALL	480692.1									0.00E+00	3.10E-04						
1179 ALL	480712.1	3666725 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04	0.00E+00	3.25E-04						
1180 ALL	480732.1																
1181 ALL	480752.1																
1182 ALL	480772.1																
1183 ALL	480792.1																
1184 ALL	480812.1															0.00E+00	
1185 ALL	480832.1															0.00E+00	
1186 ALL	480852.1															0.00E+00	
1187 ALL	480872.1																
===::: <b>==</b>	.555, 2.1		2.302.00	2.202.00					0 7								

1188	3 ALL	480892.1	3666725 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-04	0.00E+00	4.97E-04						
1189	ALL	480912.1	3666725 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-04	0.00E+00	5.23E-04						
1190	) ALL	480932.1	3666725 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-04	0.00E+00	5.53E-04						
1191	ALL	480952.1	3666725 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-04	0.00E+00	5.86E-04						
1192	2 ALL	480532.1	3666745 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	1.75E-04						
1193	3 ALL	480552.1	3666745 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	1.88E-04						
1194	I ALL	480572.1	3666745 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	2.03E-04						
1195	5 ALL	480592.1	3666745 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	2.18E-04						
1196	5 ALL	480612.1	3666745 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04	0.00E+00	2.31E-04						
1197	ALL	480632.1	3666745 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04	0.00E+00	2.44E-04						
1198	3 ALL	480652.1	3666745 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04	0.00E+00	2.58E-04						
1199	ALL	480672.1	3666745 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	2.70E-04						
1200	) ALL	480692.1	3666745 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04	0.00E+00	2.85E-04						
1201	ALL	480712.1	3666745 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04	0.00E+00	3.06E-04						
1202	2 ALL	480732.1	3666745 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-04	0.00E+00	3.18E-04						
1203	3 ALL	480752.1	3666745 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04	0.00E+00	3.35E-04						
1204	I ALL	480772.1	3666745 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-04	0.00E+00	3.52E-04						
1205	5 ALL	480792.1	3666745 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-04	0.00E+00	3.65E-04						
1206	5 ALL	480812.1	3666745 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04	0.00E+00	3.80E-04						
1207	ALL	480832.1	3666745 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-04	0.00E+00	3.96E-04						
1208	3 ALL	480852.1	3666745 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-04	0.00E+00	4.17E-04						
1209	ALL	480872.1	3666745 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-04	0.00E+00	4.42E-04						
1210	) ALL	480892.1	3666745 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-04	0.00E+00	4.65E-04						
1211	ALL	480912.1	3666745 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-04	0.00E+00	4.93E-04						
1212	2 ALL	480932.1	3666745 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-04	0.00E+00	5.22E-04						
1213	3 ALL	480952.1	3666745 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-04	0.00E+00	5.53E-04						
1214	I ALL	480972.1	3666745 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-04	0.00E+00	5.87E-04						
1215	5 ALL	480552.1	3666765 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	1.72E-04						
1216	5 ALL	480572.1	3666765 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	1.84E-04						
1217	' ALL	480592.1	3666765 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04	0.00E+00	1.98E-04						
1218	3 ALL	480612.1	3666765 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	2.13E-04						
1219	ALL	480632.1	3666765 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04	0.00E+00	2.24E-04						
1220	) ALL	480652.1	3666765 NonCancer	0.00E+00			0.00E+00			2.37E-04	0.00E+00	2.37E-04						
1221		480672.1	3666765 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04	0.00E+00	2.48E-04						
1222		480692.1	3666765 NonCancer				0.00E+00						0.00E+00				0.00E+00	2.59E-04
1223		480712.1	3666765 NonCancer				0.00E+00			_	0.00E+00	0.00E+00	0.00E+00				0.00E+00	2.74E-04
1224		480732.1	3666765 NonCancer				0.00E+00				0.00E+00	2.88E-04						
1225			3666765 NonCancer														0.00E+00	3.06E-04
1226		480772.1	3666765 NonCancer				0.00E+00				0.00E+00					0.00E+00		3.24E-04
1227		480792.1	3666765 NonCancer				0.00E+00										0.00E+00	
1228		480812.1	3666765 NonCancer				0.00E+00										0.00E+00	
1229		480832.1	3666765 NonCancer				0.00E+00										0.00E+00	
1230		480852.1	3666765 NonCancer				0.00E+00										0.00E+00	
1231		480872.1	3666765 NonCancer				0.00E+00										0.00E+00	
1232		480892.1	3666765 NonCancer														0.00E+00	
1233		480912.1	3666765 NonCancer				0.00E+00										0.00E+00	
1234		480932.1	3666765 NonCancer				0.00E+00										0.00E+00	
1235		480952.1	3666765 NonCancer				0.00E+00				0.00E+00						0.00E+00	
1236		480972.1	3666765 NonCancer				0.00E+00				0.00E+00							
1237		480552.1	3666785 NonCancer				0.00E+00				0.00E+00						0.00E+00	
1238		480572.1	3666785 NonCancer				0.00E+00				0.00E+00						0.00E+00	
1239		480592.1	3666785 NonCancer				0.00E+00											
1240		480612.1	3666785 NonCancer				0.00E+00										0.00E+00	
1241	ALL	480632.1	3666785 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	2.03E-04						

1242 ALL	480652.1	3666785 NonCancer						0.00E+00		0.00E+00						0.00E+00	2.15E-04
1243 ALL	480672.1	3666785 NonCancer	0.00E+00	0.00E+00	0.00E+00			0.00E+00	2.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00			0.00E+00	2.25E-04
1244 ALL	480692.1	3666785 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04
1245 ALL	480712.1	3666785 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04
1246 ALL	480732.1	3666785 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04
1247 ALL	480752.1	3666785 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-04
1248 ALL	480772.1	3666785 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-04
1249 ALL	480792.1	3666785 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04
1250 ALL	480812.1	3666785 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04
1251 ALL	480832.1	3666785 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04
1252 ALL	480852.1	3666785 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04
1253 ALL	480872.1	3666785 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-04
1254 ALL	480892.1	3666785 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04
1255 ALL	480912.1	3666785 NonCancer			0.00E+00			0.00E+00			0.00E+00	0.00E+00	0.00E+00			0.00E+00	4.27E-04
1256 ALL	480932.1	3666785 NonCancer			0.00E+00			0.00E+00			0.00E+00	0.00E+00	0.00E+00			0.00E+00	4.51E-04
1257 ALL	480952.1	3666785 NonCancer						0.00E+00		0.00E+00		0.00E+00	0.00E+00			0.00E+00	4.76E-04
1258 ALL	480972.1	3666785 NonCancer						0.00E+00		0.00E+00		0.00E+00	0.00E+00			0.00E+00	5.05E-04
1259 ALL	480552.1	3666805 NonCancer						0.00E+00		0.00E+00			0.00E+00			0.00E+00	1.39E-04
1260 ALL	480572.1	3666805 NonCancer						0.00E+00		0.00E+00		0.00E+00	0.00E+00			0.00E+00	1.48E-04
1261 ALL	480592.1	3666805 NonCancer				0.00E+00		0.00E+00		0.00E+00		0.00E+00	0.00E+00		0.00E+00	0.00E+00	1.40E-04 1.60E-04
1262 ALL	480592.1	3666805 NonCancer				0.00E+00		0.00E+00		0.00E+00		0.00E+00	0.00E+00			0.00E+00	1.72E-04
1263 ALL	480632.1					0.00E+00		0.00E+00 0.00E+00	_	0.00E+00 0.00E+00		0.00E+00	0.00E+00			0.00E+00	1.72E-04 1.80E-04
		3666805 NonCancer								0.00E+00 0.00E+00							
1264 ALL	480652.1	3666805 NonCancer						0.00E+00				0.00E+00	0.00E+00			0.00E+00	1.90E-04
1265 ALL	480672.1	3666805 NonCancer						0.00E+00		0.00E+00		0.00E+00	0.00E+00			0.00E+00	2.00E-04
1266 ALL	480692.1	3666805 NonCancer			0.00E+00			0.00E+00		0.00E+00		0.00E+00				0.00E+00	2.11E-04
1267 ALL	480712.1	3666805 NonCancer						0.00E+00	_	0.00E+00		0.00E+00	0.00E+00		0.00E+00	0.00E+00	2.27E-04
1268 ALL	480732.1	3666805 NonCancer						0.00E+00		0.00E+00	0.00E+00					0.00E+00	2.38E-04
1269 ALL	480752.1	3666805 NonCancer						0.00E+00		0.00E+00	0.00E+00					0.00E+00	
1270 ALL	480772.1	3666805 NonCancer						0.00E+00		0.00E+00	0.00E+00					0.00E+00	
1271 ALL	480792.1	3666805 NonCancer						0.00E+00		0.00E+00	0.00E+00		0.00E+00			0.00E+00	
1272 ALL	480812.1	3666805 NonCancer						0.00E+00		0.00E+00	0.00E+00					0.00E+00	2.89E-04
1273 ALL	480832.1	3666805 NonCancer						0.00E+00		0.00E+00	0.00E+00					0.00E+00	3.12E-04
1274 ALL	480852.1		0.00E+00					0.00E+00		0.00E+00	0.00E+00				0.00E+00	0.00E+00	3.33E-04
1275 ALL	480872.1		0.00E+00					0.00E+00		0.00E+00		0.00E+00			0.00E+00	0.00E+00	3.52E-04
1276 ALL	480892.1	3666805 NonCancer	0.00E+00				0.00E+00	0.00E+00		0.00E+00		0.00E+00	0.00E+00		0.00E+00	0.00E+00	3.70E-04
1277 ALL	480912.1	3666805 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-04
1278 ALL	480932.1	3666805 NonCancer	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
1279 ALL	480952.1	3666805 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-04
1280 ALL	480972.1	3666805 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-04
1281 ALL	480992.1	3666805 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-04
1282 ALL	480572.1	3666825 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04
1283 ALL	480592.1	3666825 NonCancer	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
1284 ALL	480612.1	3666825 NonCancer	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
1285 ALL	480632.1	3666825 NonCancer	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
1286 ALL	480652.1	3666825 NonCancer	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
1287 ALL	480672.1	3666825 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04
1288 ALL	480692.1	3666825 NonCancer	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
1289 ALL	480712.1	3666825 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04
1290 ALL	480732.1	3666825 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
1291 ALL	480752.1	3666825 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04
1292 ALL	480772.1	3666825 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04
1293 ALL	480792.1	3666825 NonCancer														0.00E+00	
1294 ALL	480812.1	3666825 NonCancer														0.00E+00	
1295 ALL	480832.1																
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1005 111	400050.4	2555025 11 2															
1296 ALL	480852.1	3666825 NonCancer				0.00E+00				0.00E+00			0.00E+00		0.00E+00		2.98E-04
1297 ALL	480872.1	3666825 NonCancer			0.00E+00	0.00E+00		0.00E+00		0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00	3.16E-04
1298 ALL	480892.1	3666825 NonCancer			0.00E+00	0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00		3.33E-04
1299 ALL	480912.1	3666825 NonCancer				0.00E+00	0.00E+00	0.00E+00	3.54E-04								
1300 ALL	480932.1	3666825 NonCancer				0.00E+00	0.00E+00	0.00E+00	3.77E-04								
1301 ALL	480952.1	3666825 NonCancer				0.00E+00		0.00E+00		0.00E+00	0.00E+00			0.00E+00	0.00E+00		4.01E-04
1302 ALL	480972.1	3666825 NonCancer	0.00E+00			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-04
1303 ALL	480992.1	3666825 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-04	0.00E+00	4.57E-04						
1304 ALL	480572.1	3666845 NonCancer				0.00E+00		0.00E+00		0.00E+00			0.00E+00	0.00E+00			1.14E-04
1305 ALL	480592.1	3666845 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04
1306 ALL	480612.1	3666845 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	1.27E-04						
1307 ALL	480632.1	3666845 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	1.37E-04						
1308 ALL	480652.1	3666845 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	1.44E-04						
1309 ALL	480672.1	3666845 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	1.53E-04						
1310 ALL	480692.1	3666845 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	1.63E-04						
1311 ALL	480712.1	3666845 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	1.72E-04						
1312 ALL	480732.1	3666845 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	1.83E-04						
1313 ALL	480752.1	3666845 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	1.95E-04						
1314 ALL	480772.1	3666845 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00	2.08E-04						
1315 ALL	480792.1	3666845 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	2.21E-04						
1316 ALL	480812.1	3666845 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	2.33E-04						
1317 ALL	480832.1	3666845 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04	0.00E+00	2.46E-04						
1318 ALL	480852.1	3666845 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04	0.00E+00	2.60E-04						
1319 ALL	480872.1	3666845 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-04	0.00E+00	2.77E-04						
1320 ALL	480892.1	3666845 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-04	0.00E+00	2.94E-04						
1321 ALL	480912.1	3666845 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04	0.00E+00	3.14E-04						
1322 ALL	480932.1	3666845 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04	0.00E+00	3.36E-04						
1323 ALL	480952.1	3666845 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-04	0.00E+00	3.61E-04						
1324 ALL	480972.1	3666845 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-04	0.00E+00	3.88E-04						
1325 ALL	480992.1	3666845 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-04	0.00E+00	4.16E-04						
1326 ALL	481012.1	3666845 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-04	0.00E+00	4.43E-04						
1327 ALL	480592.1	3666865 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	1.07E-04						
1328 ALL	480612.1	3666865 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	1.12E-04						
1329 ALL	480632.1	3666865 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	1.21E-04						
1330 ALL	480652.1	3666865 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	1.28E-04						
1331 ALL	480672.1	3666865 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00	1.36E-04						
1332 ALL	480692.1	3666865 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	1.44E-04						
1333 ALL	480712.1	3666865 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	1.52E-04						
1334 ALL	480732.1	3666865 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	1.60E-04						
1335 ALL	480752.1	3666865 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	1.69E-04						
1336 ALL	480772.1	3666865 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	1.79E-04						
1337 ALL	480792.1	3666865 NonCancer														0.00E+00	
1338 ALL	480812.1	3666865 NonCancer															
1339 ALL	480832.1	3666865 NonCancer															
1340 ALL	480852.1	3666865 NonCancer															
1341 ALL	480872.1	3666865 NonCancer								0.00E+00							2.40E-04
1342 ALL	480892.1	3666865 NonCancer														0.00E+00	
1343 ALL	480912.1	3666865 NonCancer				0.00E+00										0.00E+00	
1344 ALL	480932.1	3666865 NonCancer				0.00E+00				0.00E+00							2.96E-04
1345 ALL	480952.1	3666865 NonCancer								0.00E+00							3.18E-04
1346 ALL	480972.1	3666865 NonCancer														0.00E+00	
1347 ALL	480992.1	3666865 NonCancer														0.00E+00	
1347 ALL 1348 ALL	481012.1	3666865 NonCancer															3.92E-04
1349 ALL		3666885 NonCancer															
IJ43 ALL	+00332.1	JOUGGS NUMERICAL	J.UULTUU	0.00LT00	0.00L+00	0.00LT00	J.UULTUU	J.UULTUU	J.J4L-UJ	0.00L+00	0.00L+00	0.00L+00	J.UULTUU	0.00L+00	0.00L+00	0.00L+00	J.34L-03

1250 411	400642.4	266600E N C	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	1 025 04	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	4 025 04
1350 ALL	480612.1	3666885 NonCancer						0.00E+00		0.00E+00		0.00E+00			0.00E+00	0.00E+00	1.03E-04
1351 ALL	480632.1	3666885 NonCancer			0.00E+00		0.00E+00	0.00E+00		0.00E+00	1.10E-04						
1352 ALL	480652.1	3666885 NonCancer			0.00E+00		0.00E+00	0.00E+00		0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04
1353 ALL	480672.1	3666885 NonCancer			0.00E+00		0.00E+00	0.00E+00		0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00	1.22E-04
1354 ALL	480692.1	3666885 NonCancer			0.00E+00		0.00E+00	0.00E+00				0.00E+00		0.00E+00	0.00E+00	0.00E+00	1.29E-04
1355 ALL	480712.1	3666885 NonCancer			0.00E+00		0.00E+00	0.00E+00				0.00E+00		0.00E+00	0.00E+00	0.00E+00	1.35E-04
1356 ALL	480732.1	3666885 NonCancer	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	1.42E-04
1357 ALL	480752.1	3666885 NonCancer			0.00E+00		0.00E+00	0.00E+00				0.00E+00		0.00E+00	0.00E+00	0.00E+00	1.49E-04
1358 ALL	480772.1	3666885 NonCancer					0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	
1359 ALL	480792.1	3666885 NonCancer	0.00E+00				0.00E+00	0.00E+00	1.66E-04	0.00E+00	1.66E-04						
1360 ALL	480812.1	3666885 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	1.75E-04						
1361 ALL	480832.1	3666885 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	1.86E-04						
1362 ALL	480852.1	3666885 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04	0.00E+00	1.97E-04						
1363 ALL	480872.1	3666885 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	2.10E-04						
1364 ALL	480892.1	3666885 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04	0.00E+00	2.24E-04						
1365 ALL	480912.1	3666885 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04	0.00E+00	2.42E-04						
1366 ALL	480932.1	3666885 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04	0.00E+00	2.59E-04						
1367 ALL	480952.1	3666885 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-04	0.00E+00	2.77E-04						
1368 ALL	480972.1	3666885 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04	0.00E+00	2.99E-04						
1369 ALL	480992.1	3666885 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-04	0.00E+00	3.20E-04						
1370 ALL	481012.1	3666885 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04	0.00E+00	3.41E-04						
1371 ALL	481032.1	3666885 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04	0.00E+00	3.62E-04						
1372 ALL	480612.1	3666905 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.80E-05	0.00E+00	9.80E-05						
1373 ALL	480632.1	3666905 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04	0.00E+00	1.04E-04						
1374 ALL	480652.1	3666905 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	1.09E-04						
1375 ALL	480672.1	3666905 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04	0.00E+00	1.13E-04						
1376 ALL	480692.1	3666905 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	1.17E-04						
1377 ALL	480712.1	3666905 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	1.23E-04						
1378 ALL	480732.1	3666905 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	1.28E-04						
1379 ALL	480752.1	3666905 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	1.35E-04						
1380 ALL	480772.1	3666905 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	1.41E-04						
1381 ALL	480792.1	3666905 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	1.49E-04						
1382 ALL	480812.1	3666905 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04	0.00E+00	1.56E-04						
1383 ALL	480832.1	3666905 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	1.67E-04						
1384 ALL	480852.1	3666905 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	1.78E-04						
1385 ALL	480872.1	3666905 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	1.87E-04						
1386 ALL	480892.1	3666905 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04	0.00E+00	1.99E-04						
1387 ALL	480912.1	3666905 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04	0.00E+00	2.14E-04						
1388 ALL	480932.1	3666905 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	2.28E-04						
1389 ALL	480952.1	3666905 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04	0.00E+00	2.44E-04						
1390 ALL	480972.1	3666905 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04	0.00E+00	2.63E-04						
1391 ALL	480992.1	3666905 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04	0.00E+00	2.81E-04						
1392 ALL	481012.1	3666905 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04	0.00E+00	2.99E-04						
1393 ALL	481032.1	3666905 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-04	0.00E+00	3.18E-04						
1394 ALL	480612.1	3666925 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.30E-05	0.00E+00	9.30E-05						
1395 ALL	480632.1	3666925 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.74E-05	0.00E+00	9.74E-05						
1396 ALL	480652.1	3666925 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	1.02E-04						
1397 ALL	480672.1	3666925 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	1.06E-04						
1398 ALL	480692.1	3666925 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	1.10E-04						
1399 ALL	480712.1	3666925 NonCancer															
1400 ALL	480732.1	3666925 NonCancer														0.00E+00	
1401 ALL	480752.1	3666925 NonCancer														0.00E+00	
1402 ALL	480772.1	3666925 NonCancer															
1403 ALL	480792.1																
· · · · · · · · · · · · · · · · · ·																	

4404 411	400043.4	2666025 N 6	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	4 455 04	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	4 455 04
1404 ALL	480812.1	3666925 NonCancer								0.00E+00		0.00E+00		0.00E+00		0.00E+00	1.45E-04
1405 ALL	480832.1	3666925 NonCancer						0.00E+00		0.00E+00			0.00E+00	0.00E+00		0.00E+00	1.53E-04
1406 ALL	480852.1	3666925 NonCancer			0.00E+00			0.00E+00	1.61E-04								
1407 ALL	480872.1	3666925 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00		0.00E+00		0.00E+00		0.00E+00	1.70E-04
1408 ALL	480892.1	3666925 NonCancer	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	1.81E-04
1409 ALL	480912.1	3666925 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00	1.94E-04
1410 ALL	480932.1	3666925 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	2.07E-04						
1411 ALL	480952.1	3666925 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	2.21E-04						
1412 ALL	480972.1	3666925 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04	0.00E+00	2.38E-04						
1413 ALL	480992.1	3666925 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04	0.00E+00	2.54E-04						
1414 ALL	481012.1	3666925 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	2.71E-04						
1415 ALL	481032.1	3666925 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-04	0.00E+00	2.86E-04						
1416 ALL	480612.1	3666945 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.80E-05	0.00E+00	8.80E-05						
1417 ALL	480632.1	3666945 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.18E-05	0.00E+00	9.18E-05						
1418 ALL	480652.1	3666945 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.57E-05	0.00E+00	9.57E-05						
1419 ALL	480672.1	3666945 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.97E-05	0.00E+00	9.97E-05						
1420 ALL	480692.1	3666945 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04	0.00E+00	1.04E-04						
1421 ALL	480712.1	3666945 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	1.08E-04						
1422 ALL	480732.1	3666945 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04	0.00E+00	1.13E-04						
1423 ALL	480752.1	3666945 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	1.19E-04						
1424 ALL	480772.1	3666945 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	1.25E-04						
1425 ALL	480792.1	3666945 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	1.31E-04						
1426 ALL	480812.1	3666945 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	1.37E-04						
1427 ALL	480832.1	3666945 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	1.44E-04						
1428 ALL	480852.1	3666945 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	1.52E-04						
1429 ALL	480872.1	3666945 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	1.60E-04						
1430 ALL	480892.1	3666945 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00	1.70E-04						
1431 ALL	480912.1	3666945 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	1.83E-04						
1432 ALL	480932.1	3666945 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	1.95E-04						
1433 ALL	480952.1	3666945 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00	2.08E-04						
1434 ALL	480972.1	3666945 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	2.21E-04						
1435 ALL	480992.1	3666945 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	2.37E-04						
1436 ALL	481012.1	3666945 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00	2.53E-04						
1437 ALL	481032.1	3666945 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04	0.00E+00	2.66E-04						
1438 ALL	481052.1	3666945 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04	0.00E+00	2.79E-04						
1439 ALL	480632.1	3666965 NonCancer		0.00E+00		0.00E+00	0.00E+00	0.00E+00	8.66E-05			0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.66E-05
1440 ALL	480652.1	3666965 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-05	0.00E+00	9.02E-05						
1441 ALL	480672.1	3666965 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.45E-05	0.00E+00	9.45E-05						
1442 ALL	480692.1									0.00E+00					0.00E+00		9.91E-05
1443 ALL	480712.1																
1444 ALL	480732.1																
1445 ALL	480752.1																
1446 ALL	480772.1																
1447 ALL	480792.1																
1448 ALL	480812.1																
1449 ALL	480832.1																
1450 ALL	480852.1																
1451 ALL	480872.1																
1452 ALL	480872.1																
1453 ALL	480892.1																
1454 ALL	480912.1																
1455 ALL	480952.1															0.00E+00	
1456 ALL	480952.1																
1457 ALL																0.00E+00	
143/ WLL	480992.1	3666965 NonCancer	U.UUE+UU	U.UUE+UU	U.UUE+UU	U.UUE+UU	U.UUE+UU	U.UUE+UU	2.23E-U4	U.UUE+UU	2.23E-U4						

4.50	1010101	00000000															
1458 ALL	481012.1	3666965 NonCancer						0.00E+00	2.40E-04								
1459 ALL	481032.1	3666965 NonCancer			0.00E+00			0.00E+00		0.00E+00			0.00E+00	0.00E+00		0.00E+00	2.56E-04
1460 ALL	481052.1	3666965 NonCancer			0.00E+00			0.00E+00	2.74E-04								
1461 ALL	480632.1	3666985 NonCancer			0.00E+00			0.00E+00	8.33E-05								
1462 ALL	480652.1	3666985 NonCancer			0.00E+00			0.00E+00	8.69E-05								
1463 ALL	480672.1	3666985 NonCancer			0.00E+00			0.00E+00	9.09E-05								
1464 ALL	480692.1	3666985 NonCancer	0.00E+00		0.00E+00			0.00E+00		0.00E+00				0.00E+00		0.00E+00	9.53E-05
1465 ALL	480712.1	3666985 NonCancer			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	9.95E-05
1466 ALL	480732.1	3666985 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04	0.00E+00	1.04E-04						
1467 ALL	480752.1	3666985 NonCancer						0.00E+00								0.00E+00	
1468 ALL	480772.1	3666985 NonCancer						0.00E+00						0.00E+00	0.00E+00	0.00E+00	1.16E-04
1469 ALL	480792.1	3666985 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	1.23E-04						
1470 ALL	480812.1	3666985 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	1.30E-04						
1471 ALL	480832.1	3666985 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	1.37E-04						
1472 ALL	480852.1	3666985 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	1.46E-04						
1473 ALL	480872.1	3666985 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04	0.00E+00	1.55E-04						
1474 ALL	480892.1	3666985 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	1.66E-04						
1475 ALL	480912.1	3666985 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	1.78E-04						
1476 ALL	480932.1	3666985 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	1.89E-04						
1477 ALL	480952.1	3666985 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04	0.00E+00	2.01E-04						
1478 ALL	480972.1	3666985 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	2.13E-04						
1479 ALL	480992.1	3666985 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	2.28E-04						
1480 ALL	481012.1	3666985 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04	0.00E+00	2.43E-04						
1481 ALL	481032.1	3666985 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04	0.00E+00	2.59E-04						
1482 ALL	481052.1	3666985 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04	0.00E+00	2.75E-04						
1483 ALL	481072.1	3666985 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-04	0.00E+00	2.94E-04						
1484 ALL	480652.1	3667005 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-05	0.00E+00	8.45E-05						
1485 ALL	480672.1	3667005 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.86E-05	0.00E+00	8.86E-05						
1486 ALL	480692.1	3667005 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.28E-05	0.00E+00	9.28E-05						
1487 ALL	480712.1	3667005 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.68E-05	0.00E+00	9.68E-05						
1488 ALL	480732.1	3667005 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	1.01E-04						
1489 ALL	480752.1	3667005 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	1.08E-04						
1490 ALL	480772.1	3667005 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	1.15E-04						
1491 ALL	480792.1	3667005 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	1.22E-04						
1492 ALL	480812.1	3667005 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	1.29E-04						
1493 ALL	480832.1	3667005 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	1.37E-04						
1494 ALL	480852.1	3667005 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04	0.00E+00	1.47E-04						
1495 ALL	480872.1	3667005 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04	0.00E+00	1.58E-04						
1496 ALL	480892.1	3667005 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	1.71E-04						
1497 ALL	480912.1	3667005 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	1.82E-04						
1498 ALL	480932.1	3667005 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	1.94E-04						
1499 ALL	480952.1	3667005 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	2.05E-04						
1500 ALL	480972.1	3667005 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	2.18E-04						
1501 ALL	480992.1	3667005 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	2.33E-04						
1502 ALL	481012.1	3667005 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04	0.00E+00	2.48E-04						
1503 ALL	481032.1	3667005 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04	0.00E+00	2.63E-04						
1504 ALL	481052.1	3667005 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04	0.00E+00	2.79E-04						
1505 ALL	481072.1	3667005 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-04	0.00E+00	2.94E-04						
1506 ALL	480652.1	3667025 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.31E-05	0.00E+00	8.31E-05						
1507 ALL	480672.1	3667025 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.74E-05	0.00E+00	8.74E-05						
1508 ALL	480692.1	3667025 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-05	0.00E+00	9.16E-05						
1509 ALL	480712.1	3667025 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.54E-05	0.00E+00	9.54E-05						
1510 ALL	480732.1	3667025 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.94E-05	0.00E+00	9.94E-05						
1511 ALL	480752.1	3667025 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	1.07E-04						

1512 ALL	400772 1	2667025 NamCanaan	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	1 155 04	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	1 155 04
1512 ALL	480772.1	3667025 NonCancer						0.00E+00		0.00E+00		0.00E+00		0.00E+00		0.00E+00	1.15E-04
1513 ALL	480792.1	3667025 NonCancer						0.00E+00		0.00E+00			0.00E+00	0.00E+00		0.00E+00	1.22E-04
1514 ALL	480812.1	3667025 NonCancer			0.00E+00			0.00E+00		0.00E+00		0.00E+00		0.00E+00		0.00E+00	1.30E-04
1515 ALL	480832.1	3667025 NonCancer			0.00E+00			0.00E+00		0.00E+00		0.00E+00		0.00E+00 0.00E+00		0.00E+00 0.00E+00	1.39E-04
1516 ALL	480852.1	3667025 NonCancer			0.00E+00			0.00E+00		0.00E+00		0.00E+00					1.51E-04
1517 ALL	480872.1	3667025 NonCancer			0.00E+00			0.00E+00		0.00E+00		0.00E+00		0.00E+00		0.00E+00	1.65E-04
1518 ALL	480892.1	3667025 NonCancer			0.00E+00			0.00E+00		0.00E+00		0.00E+00		0.00E+00		0.00E+00	1.78E-04
1519 ALL	480912.1	3667025 NonCancer			0.00E+00			0.00E+00		0.00E+00		0.00E+00		0.00E+00		0.00E+00	1.89E-04
1520 ALL	480932.1	3667025 NonCancer			0.00E+00					0.00E+00				0.00E+00		0.00E+00	2.01E-04
1521 ALL	480952.1	3667025 NonCancer			0.00E+00					0.00E+00							
1522 ALL	480972.1	3667025 NonCancer			0.00E+00					0.00E+00						0.00E+00	2.25E-04
1523 ALL	480992.1	3667025 NonCancer								0.00E+00						0.00E+00	2.38E-04
1524 ALL	481012.1	3667025 NonCancer			0.00E+00					0.00E+00				0.00E+00		0.00E+00	2.52E-04
1525 ALL	481032.1	3667025 NonCancer			0.00E+00					0.00E+00				0.00E+00		0.00E+00	2.67E-04
1526 ALL	481052.1	3667025 NonCancer			0.00E+00			0.00E+00		0.00E+00			0.00E+00			0.00E+00	2.83E-04
1527 ALL 1528 ALL	481072.1	3667025 NonCancer			0.00E+00 0.00E+00			0.00E+00		0.00E+00 0.00E+00			0.00E+00 0.00E+00	0.00E+00 0.00E+00		0.00E+00 0.00E+00	2.95E-04
1529 ALL	481092.1 480672.1	3667025 NonCancer 3667045 NonCancer			0.00E+00			0.00E+00 0.00E+00		0.00E+00							3.11E-04 8.79E-05
1530 ALL	480672.1	3667045 NonCancer			0.00E+00			0.00E+00		0.00E+00							9.25E-05
1531 ALL	480032.1	3667045 NonCancer			0.00E+00			0.00E+00		0.00E+00				0.00E+00			9.84E-05
1531 ALL 1532 ALL	480732.1	3667045 NonCancer			0.00E+00			0.00E+00		0.00E+00			0.00E+00	0.00E+00			1.04E-04
1533 ALL	480752.1	3667045 NonCancer			0.00E+00		0.00E+00	0.00E+00		0.00E+00			0.00E+00	0.00E+00			1.04L-04 1.11E-04
1534 ALL	480732.1	3667045 NonCancer					0.00E+00	0.00E+00		0.00E+00			0.00E+00	0.00E+00		0.00E+00	1.11L-04 1.20E-04
1535 ALL	480772.1	3667045 NonCancer					0.00E+00	0.00E+00		0.00E+00			0.00E+00	0.00E+00		0.00E+00	1.29E-04
1536 ALL	480732.1	3667045 NonCancer			0.00E+00		0.00E+00	0.00E+00		0.00E+00			0.00E+00	0.00E+00		0.00E+00	1.38E-04
1537 ALL	480832.1	3667045 NonCancer			0.00E+00		0.00E+00	0.00E+00		0.00E+00			0.00E+00	0.00E+00		0.00E+00	1.48E-04
1537 ALL 1538 ALL	480852.1	3667045 NonCancer			0.00E+00			0.00E+00									1.48L-04 1.59E-04
1539 ALL	480872.1	3667045 NonCancer			0.00E+00		0.00E+00	0.00E+00		0.00E+00			0.00E+00	0.00E+00		0.00E+00	1.71E-04
1540 ALL	480892.1	3667045 NonCancer					0.00E+00	0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00		0.00E+00	1.86E-04
1541 ALL	480912.1	3667045 NonCancer		0.00E+00			0.00E+00	0.00E+00	1.96E-04			0.00E+00	0.00E+00	0.00E+00		0.00E+00	1.96E-04
1542 ALL	480932.1	3667045 NonCancer		0.00E+00			0.00E+00	0.00E+00	2.07E-04			0.00E+00	0.00E+00	0.00E+00		0.00E+00	2.07E-04
1543 ALL	480952.1	3667045 NonCancer					0.00E+00	0.00E+00					0.00E+00	0.00E+00		0.00E+00	2.19E-04
1544 ALL	480972.1	3667045 NonCancer			0.00E+00		0.00E+00	0.00E+00					0.00E+00	0.00E+00		0.00E+00	2.30E-04
1545 ALL	480992.1	3667045 NonCancer			0.00E+00			0.00E+00		0.00E+00			0.00E+00	0.00E+00			2.44E-04
1546 ALL	481012.1	3667045 NonCancer			0.00E+00			0.00E+00		0.00E+00			0.00E+00	0.00E+00		0.00E+00	2.54E-04
1547 ALL	481032.1	3667045 NonCancer		0.00E+00			0.00E+00	0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00		0.00E+00	2.64E-04
1548 ALL	481052.1			0.00E+00				0.00E+00		0.00E+00						0.00E+00	2.78E-04
1549 ALL	481072.1																
1550 ALL	481092.1							0.00E+00		0.00E+00						0.00E+00	3.07E-04
1551 ALL	480672.1								9.02E-05	0.00E+00	0.00E+00	0.00E+00					
1552 ALL	480692.1																
1553 ALL	480712.1																
1554 ALL	480732.1																
1555 ALL	480752.1		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
1556 ALL	480772.1																
1557 ALL	480792.1																
1558 ALL	480812.1	3667065 NonCancer	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
1559 ALL	480832.1																
1560 ALL	480852.1																
1561 ALL	480872.1																
1562 ALL	480892.1																
1563 ALL	480912.1															0.00E+00	
1564 ALL	480932.1															0.00E+00	
1565 ALL	480952.1																

15CC ALL	400073.4	2CC70CE NanConson	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	2 205 04	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	2 205 04
1566 ALL	480972.1	3667065 NonCancer						0.00E+00		0.00E+00		0.00E+00		0.00E+00		0.00E+00	2.30E-04
1567 ALL	480992.1	3667065 NonCancer			0.00E+00			0.00E+00		0.00E+00			0.00E+00	0.00E+00		0.00E+00	2.43E-04
1568 ALL	481012.1	3667065 NonCancer			0.00E+00			0.00E+00		0.00E+00		0.00E+00		0.00E+00		0.00E+00	2.52E-04
1569 ALL	481032.1	3667065 NonCancer			0.00E+00			0.00E+00		0.00E+00		0.00E+00		0.00E+00		0.00E+00	2.61E-04
1570 ALL	481052.1	3667065 NonCancer			0.00E+00			0.00E+00		0.00E+00		0.00E+00		0.00E+00		0.00E+00	2.74E-04
1571 ALL	481072.1	3667065 NonCancer			0.00E+00			0.00E+00		0.00E+00		0.00E+00		0.00E+00		0.00E+00	2.85E-04
1572 ALL	481092.1	3667065 NonCancer			0.00E+00			0.00E+00		0.00E+00		0.00E+00		0.00E+00		0.00E+00	2.99E-04
1573 ALL	480672.1	3667085 NonCancer			0.00E+00			0.00E+00		0.00E+00		0.00E+00		0.00E+00		0.00E+00	9.44E-05
1574 ALL	480692.1	3667085 NonCancer			0.00E+00					0.00E+00							1.01E-04
1575 ALL	480712.1	3667085 NonCancer						0.00E+00								0.00E+00 0.00E+00	
1576 ALL	480732.1	3667085 NonCancer						0.00E+00									
1577 ALL	480752.1	3667085 NonCancer														0.00E+00	_
1578 ALL	480772.1	3667085 NonCancer						0.00E+00									
1579 ALL	480792.1	3667085 NonCancer						0.00E+00						0.00E+00		0.00E+00	1.43E-04
1580 ALL	480812.1	3667085 NonCancer			0.00E+00			0.00E+00					0.00E+00			0.00E+00 0.00E+00	1.53E-04
1581 ALL 1582 ALL	480832.1	3667085 NonCancer			0.00E+00 0.00E+00			0.00E+00		0.00E+00 0.00E+00			0.00E+00			0.00E+00	1.61E-04
1583 ALL	480852.1 480872.1	3667085 NonCancer 3667085 NonCancer			0.00E+00 0.00E+00			0.00E+00 0.00E+00		0.00E+00			0.00E+00			0.00E+00 0.00E+00	1.70E-04 1.82E-04
	480892.1	3667085 NonCancer			0.00E+00 0.00E+00			0.00E+00		0.00E+00						0.00E+00	1.82E-04 1.92E-04
1584 ALL 1585 ALL	480912.1	3667085 NonCancer			0.00E+00			0.00E+00		0.00E+00							2.03E-04
1586 ALL	480932.1	3667085 NonCancer			0.00E+00			0.00E+00		0.00E+00			0.00E+00	0.00E+00			2.03L-04 2.07E-04
1587 ALL	480952.1	3667085 NonCancer			0.00E+00			0.00E+00		0.00E+00			0.00E+00	0.00E+00			2.07L-04 2.11E-04
1588 ALL	480972.1	3667085 NonCancer			0.00E+00		0.00E+00	0.00E+00	_	0.00E+00			0.00E+00	0.00E+00	0.00E+00		2.11L-04 2.22E-04
1589 ALL	480992.1	3667085 NonCancer			0.00E+00		0.00E+00	0.00E+00	_	0.00E+00			0.00E+00	0.00E+00			2.22L-04 2.33E-04
1590 ALL	481012.1	3667085 NonCancer			0.00E+00		0.00E+00	0.00E+00		0.00E+00			0.00E+00	0.00E+00			2.46E-04
1590 ALL 1591 ALL	481012.1	3667085 NonCancer			0.00E+00		0.00E+00	0.00E+00		0.00E+00			0.00E+00	0.00E+00		0.00E+00	2.40L-04 2.59E-04
1591 ALL 1592 ALL	481052.1	3667085 NonCancer			0.00E+00			0.00E+00		0.00E+00							2.70E-04
1593 ALL	481072.1	3667085 NonCancer			0.00E+00		0.00E+00	0.00E+00		0.00E+00			0.00E+00	0.00E+00		0.00E+00	2.78E-04
1594 ALL	481092.1	3667085 NonCancer			0.00E+00		0.00E+00	0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00		0.00E+00	2.87E-04
1595 ALL	481112.1	3667085 NonCancer					0.00E+00	0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00		0.00E+00	2.98E-04
1596 ALL	480692.1	3667105 NonCancer					0.00E+00	0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00		0.00E+00	1.07E-04
1597 ALL	480712.1	3667105 NonCancer					0.00E+00	0.00E+00		0.00E+00			0.00E+00	0.00E+00		0.00E+00	1.14E-04
1598 ALL	480732.1	3667105 NonCancer			0.00E+00		0.00E+00	0.00E+00		0.00E+00			0.00E+00	0.00E+00		0.00E+00	1.21E-04
1599 ALL	480752.1	3667105 NonCancer			0.00E+00			0.00E+00	_				0.00E+00	0.00E+00		0.00E+00	
1600 ALL	480772.1	3667105 NonCancer			0.00E+00			0.00E+00		0.00E+00			0.00E+00	0.00E+00			1.38E-04
1601 ALL	480792.1	3667105 NonCancer					0.00E+00	0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04
1602 ALL	480812.1	3667105 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
1603 ALL	480832.1	3667105 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
1604 ALL	480852.1	3667105 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
1605 ALL	480872.1	3667105 NonCancer	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
1606 ALL	480892.1	3667105 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
1607 ALL	480912.1	3667105 NonCancer	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
1608 ALL	480932.1	3667105 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
1609 ALL	480952.1	3667105 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04
1610 ALL	480972.1	3667105 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04
1611 ALL	480992.1	3667105 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04
1612 ALL	481012.1	3667105 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04
1613 ALL	481032.1	3667105 NonCancer	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
1614 ALL	481052.1	3667105 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04
1615 ALL	481072.1	3667105 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04
1616 ALL	480692.1	3667125 NonCancer	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
1617 ALL	480712.1	3667125 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04
1618 ALL	480732.1	3667125 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
1619 ALL	480752.1	3667125 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04

1630 ALL	400772 4	2007125 NamComeou	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	1 405 04	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	1 405 04
1620 ALL	480772.1	3667125 NonCancer								0.00E+00		0.00E+00		0.00E+00		0.00E+00	1.40E-04
1621 ALL	480792.1	3667125 NonCancer			0.00E+00		0.00E+00	0.00E+00		0.00E+00			0.00E+00	0.00E+00		0.00E+00	1.48E-04
1622 ALL	480812.1	3667125 NonCancer			0.00E+00			0.00E+00		0.00E+00		0.00E+00			0.00E+00	0.00E+00	1.54E-04
1623 ALL	480832.1	3667125 NonCancer			0.00E+00			0.00E+00		0.00E+00		0.00E+00				0.00E+00	1.62E-04
1624 ALL	480852.1	3667125 NonCancer			0.00E+00			0.00E+00		0.00E+00		0.00E+00				0.00E+00	1.71E-04
1625 ALL	480872.1	3667125 NonCancer			0.00E+00			0.00E+00		0.00E+00		0.00E+00				0.00E+00	1.79E-04
1626 ALL	480892.1	3667125 NonCancer			0.00E+00			0.00E+00		0.00E+00		0.00E+00			0.00E+00	0.00E+00	1.83E-04
1627 ALL	480912.1	3667125 NonCancer			0.00E+00			0.00E+00		0.00E+00		0.00E+00			0.00E+00	0.00E+00	1.88E-04
1628 ALL	480932.1	3667125 NonCancer			0.00E+00					0.00E+00							1.94E-04
1629 ALL	480952.1	3667125 NonCancer			0.00E+00					0.00E+00					0.00E+00		2.02E-04
1630 ALL	480972.1	3667125 NonCancer			0.00E+00					0.00E+00						0.00E+00	2.08E-04
1631 ALL	480992.1	3667125 NonCancer								0.00E+00							2.13E-04
1632 ALL	481012.1	3667125 NonCancer			0.00E+00					0.00E+00							2.19E-04
1633 ALL	481032.1	3667125 NonCancer			0.00E+00					0.00E+00						0.00E+00	2.26E-04
1634 ALL	480712.1	3667145 NonCancer			0.00E+00			0.00E+00		0.00E+00			0.00E+00			0.00E+00	1.18E-04
1635 ALL	480732.1	3667145 NonCancer 3667145 NonCancer			0.00E+00 0.00E+00			0.00E+00		0.00E+00 0.00E+00			0.00E+00			0.00E+00 0.00E+00	1.24E-04
1636 ALL 1637 ALL	480752.1 480772.1	3667145 NonCancer			0.00E+00			0.00E+00 0.00E+00		0.00E+00			0.00E+00				1.31E-04 1.39E-04
1637 ALL 1638 ALL	480792.1	3667145 NonCancer			0.00E+00			0.00E+00								0.00E+00 0.00E+00	
1639 ALL	480732.1	3667145 NonCancer			0.00E+00			0.00E+00								0.00E+00	
1640 ALL	480832.1	3667145 NonCancer			0.00E+00					0.00E+00			0.00E+00				1.61E-04
1641 ALL	480852.1	3667145 NonCancer			0.00E+00		0.00E+00			0.00E+00			0.00E+00				1.67E-04
1642 ALL	480872.1	3667145 NonCancer			0.00E+00		0.00E+00	0.00E+00		0.00E+00			0.00E+00				1.71E-04
1643 ALL	480892.1	3667145 NonCancer					0.00E+00	0.00E+00		0.00E+00			0.00E+00			0.00E+00	1.71L-04 1.75E-04
1644 ALL	480912.1	3667145 NonCancer			0.00E+00		0.00E+00	0.00E+00		0.00E+00			0.00E+00			0.00E+00	1.79E-04
1645 ALL	480932.1	3667145 NonCancer			0.00E+00		0.00E+00	0.00E+00		0.00E+00			0.00E+00			0.00E+00	1.73L-04 1.83E-04
1646 ALL	480952.1	3667145 NonCancer			0.00E+00					0.00E+00							1.88E-04
1647 ALL	480972.1	3667145 NonCancer			0.00E+00		0.00E+00			0.00E+00			0.00E+00			0.00E+00	1.91E-04
1648 ALL	480992.1	3667145 NonCancer					0.00E+00			0.00E+00		0.00E+00	0.00E+00			0.00E+00	1.93E-04
1649 ALL	480712.1	3667165 NonCancer					0.00E+00	0.00E+00		0.00E+00		0.00E+00	0.00E+00			0.00E+00	1.18E-04
1650 ALL	480732.1	3667165 NonCancer					0.00E+00	0.00E+00		0.00E+00		0.00E+00	0.00E+00			0.00E+00	1.24E-04
1651 ALL	480752.1	3667165 NonCancer					0.00E+00	0.00E+00		0.00E+00			0.00E+00			0.00E+00	1.30E-04
1652 ALL	480772.1	3667165 NonCancer			0.00E+00		0.00E+00			0.00E+00		0.00E+00	0.00E+00			0.00E+00	1.37E-04
1653 ALL	480792.1	3667165 NonCancer			0.00E+00			0.00E+00					0.00E+00				
1654 ALL	480812.1	3667165 NonCancer			0.00E+00			0.00E+00					0.00E+00				1.49E-04
1655 ALL	480832.1	3667165 NonCancer		0.00E+00	0.00E+00		0.00E+00			0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
1656 ALL	480852.1	3667165 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
1657 ALL	480872.1	3667165 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
1658 ALL	480892.1	3667165 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04
1659 ALL	480912.1	3667165 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
1660 ALL	480932.1	3667165 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04
1661 ALL	480952.1	3667165 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04
1662 ALL	480712.1	3667185 NonCancer	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
1663 ALL	480732.1	3667185 NonCancer	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
1664 ALL	480752.1	3667185 NonCancer	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
1665 ALL	480772.1	3667185 NonCancer	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
1666 ALL	480792.1	3667185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04
1667 ALL	480812.1	3667185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04
1668 ALL	480832.1	3667185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04
1669 ALL	480852.1	3667185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04
1670 ALL	480872.1	3667185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
1671 ALL	480892.1	3667185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
1672 ALL	480912.1	3667185 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
1673 ALL	480732.1	3667205 NonCancer	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

1674 ALL	480752.1	3667205 NonCancer									0.00E+00		0.00E+00			0.00E+00	-
1675 ALL	480772.1	3667205 NonCancer								0.00E+00	0.00E+00	0.00E+00	0.00E+00			0.00E+00	-
1676 ALL	480792.1	3667205 NonCancer								0.00E+00	0.00E+00	0.00E+00				0.00E+00	
1677 ALL	480812.1	3667205 NonCancer								0.00E+00	0.00E+00	0.00E+00	0.00E+00			0.00E+00	
1678 ALL	480832.1	3667205 NonCancer		0.00E+00						0.00E+00	0.00E+00	0.00E+00	0.00E+00			0.00E+00	
1679 ALL	480852.1	3667205 NonCancer		0.00E+00						0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	
1680 ALL	480872.1	3667205 NonCancer		0.00E+00		0.00E+00	0.00E+00				0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	
1681 ALL	480892.1	3667205 NonCancer	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	
1682 ALL	480912.1	3667205 NonCancer								0.00E+00		0.00E+00	0.00E+00			0.00E+00	
1683 ALL	480932.1	3667205 NonCancer						0.00E+00			0.00E+00		0.00E+00			0.00E+00	
1684 ALL	480732.1	3667225 NonCancer						0.00E+00			0.00E+00		0.00E+00		0.00E+00	0.00E+00	1.09E-04
1685 ALL	480752.1	3667225 NonCancer	0.00E+00			0.00E+00	0.00E+00	0.00E+00	1.11E-04						0.00E+00	0.00E+00	1.11E-04
1686 ALL	480772.1	3667225 NonCancer	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	1.13E-04
1687 ALL	480792.1	3667225 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	1.12E-04						
1688 ALL	480812.1	3667225 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	1.12E-04						
1689 ALL	480832.1	3667225 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04	0.00E+00	1.13E-04						
1690 ALL	480852.1	3667225 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	1.14E-04						
1691 ALL	480872.1	3667225 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	1.15E-04						
1692 ALL	480892.1	3667225 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	1.16E-04						
1693 ALL	480912.1	3667225 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	1.19E-04						
1694 ALL	480932.1	3667225 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	1.23E-04						
1695 ALL	480752.1	3667245 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.91E-05	0.00E+00	9.91E-05						
1696 ALL	480772.1	3667245 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-05	0.00E+00	9.96E-05						
1697 ALL	480792.1	3667245 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04	0.00E+00	1.00E-04						
1698 ALL	480812.1	3667245 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04	0.00E+00	1.00E-04						
1699 ALL	480832.1	3667245 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	1.02E-04						
1700 ALL	480852.1	3667245 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	1.03E-04						
1701 ALL	480872.1	3667245 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	1.05E-04						
1702 ALL	480892.1	3667245 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	1.09E-04						
1703 ALL	480912.1	3667245 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04	0.00E+00	1.13E-04						
1704 ALL	480932.1	3667245 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	1.19E-04						
1705 ALL	480952.1	3667245 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	1.26E-04						
1706 ALL	480752.1	3667265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-05	0.00E+00	8.76E-05						
1707 ALL	480772.1	3667265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.87E-05	0.00E+00	8.87E-05						
1708 ALL	480792.1	3667265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.00E-05	0.00E+00	9.00E-05						
1709 ALL	480812.1	3667265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-05	0.00E+00	9.23E-05						
1710 ALL	480832.1	3667265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.42E-05	0.00E+00	9.42E-05						
1711 ALL	480852.1	3667265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.66E-05	0.00E+00	9.66E-05						
1712 ALL	480872.1	3667265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04	0.00E+00	1.00E-04						
1713 ALL	480892.1	3667265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	1.05E-04						
1714 ALL	480912.1	3667265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	1.12E-04						
1715 ALL	480932.1	3667265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	1.19E-04						
1716 ALL	480952.1	3667265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	1.27E-04						
1717 ALL	480992.1	3667265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	1.44E-04						
1718 ALL	481012.1	3667265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	1.53E-04						
1719 ALL	481032.1	3667265 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	1.63E-04						
1720 ALL	480772.1	3667285 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-05	0.00E+00	8.20E-05						
1721 ALL	480792.1	3667285 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-05	0.00E+00	8.46E-05						
1722 ALL	480812.1	3667285 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-05	0.00E+00	8.78E-05						
1723 ALL	480832.1	3667285 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.11E-05	0.00E+00	9.11E-05						
1724 ALL	480852.1	3667285 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.50E-05	0.00E+00	9.50E-05						
1725 ALL	480872.1	3667285 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.98E-05	0.00E+00	9.98E-05						
1726 ALL	480892.1	3667285 NonCancer															
1727 ALL	480912.1	3667285 NonCancer															

4700 444	400000 4	2667225 11 2															
1728 ALL	480932.1	3667285 NonCancer				0.00E+00				0.00E+00			0.00E+00		0.00E+00		1.20E-04
1729 ALL	480952.1	3667285 NonCancer				0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	1.28E-04
1730 ALL	480972.1	3667285 NonCancer				0.00E+00		0.00E+00		0.00E+00	0.00E+00		0.00E+00				1.37E-04
1731 ALL	480992.1	3667285 NonCancer				0.00E+00		0.00E+00		0.00E+00	0.00E+00			0.00E+00			1.45E-04
1732 ALL	481012.1	3667285 NonCancer				0.00E+00		0.00E+00		0.00E+00	0.00E+00			0.00E+00	0.00E+00		1.53E-04
1733 ALL	481032.1	3667285 NonCancer				0.00E+00		0.00E+00		0.00E+00	0.00E+00			0.00E+00			1.62E-04
1734 ALL	481052.1	3667285 NonCancer	0.00E+00			0.00E+00		0.00E+00		0.00E+00			0.00E+00			0.00E+00	1.71E-04
1735 ALL	480772.1	3667305 NonCancer				0.00E+00							0.00E+00				7.94E-05
1736 ALL	480792.1	3667305 NonCancer		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-05
1737 ALL	480812.1	3667305 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					0.00E+00	0.00E+00		0.00E+00	8.62E-05
1738 ALL	480832.1	3667305 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					0.00E+00	0.00E+00		0.00E+00	9.04E-05
1739 ALL	480852.1	3667305 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.57E-05	0.00E+00	9.57E-05						
1740 ALL	480872.1	3667305 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	1.02E-04						
1741 ALL	480892.1	3667305 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	1.08E-04						
1742 ALL	480912.1	3667305 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	1.14E-04						
1743 ALL	480932.1	3667305 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	1.20E-04						
1744 ALL	480952.1	3667305 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	1.29E-04						
1745 ALL	480972.1	3667305 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	1.38E-04						
1746 ALL	480992.1	3667305 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	1.45E-04						
1747 ALL	481012.1	3667305 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	1.53E-04						
1748 ALL	481032.1	3667305 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	1.60E-04						
1749 ALL	481052.1	3667305 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04	0.00E+00	1.68E-04						
1750 ALL	480772.1	3667325 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.92E-05	0.00E+00	7.92E-05						
1751 ALL	480792.1	3667325 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.31E-05	0.00E+00	8.31E-05						
1752 ALL	480812.1	3667325 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.75E-05	0.00E+00	8.75E-05						
1753 ALL	480832.1	3667325 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-05	0.00E+00	9.21E-05						
1754 ALL	480852.1	3667325 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.73E-05	0.00E+00	9.73E-05						
1755 ALL	480872.1	3667325 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	1.03E-04						
1756 ALL	480892.1	3667325 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	1.09E-04						
1757 ALL	480912.1	3667325 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	1.14E-04						
1758 ALL	480932.1	3667325 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	1.22E-04						
1759 ALL	480952.1	3667325 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	1.31E-04						
1760 ALL	480972.1	3667325 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	1.39E-04						
1761 ALL	480992.1	3667325 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	1.46E-04						
1762 ALL	481012.1	3667325 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	1.52E-04						
1763 ALL	481032.1	3667325 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04	0.00E+00	1.58E-04						
1764 ALL	481052.1	3667325 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	1.64E-04						
1765 ALL	481072.1	3667325 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	1.71E-04						
1766 ALL	481132.1	3667325 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	1.96E-04						
1767 ALL	481152.1	3667325 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	2.04E-04						
1768 ALL	481172.1	3667325 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	2.16E-04						
1769 ALL	481192.1	3667325 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04	0.00E+00	2.30E-04						
1770 ALL	480792.1	3667345 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-05	0.00E+00	8.41E-05						
1771 ALL	480812.1	3667345 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-05	0.00E+00	8.89E-05						
1772 ALL	480832.1	3667345 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.35E-05	0.00E+00	9.35E-05						
1773 ALL	480852.1	3667345 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-05	0.00E+00	9.86E-05						
1774 ALL	480872.1	3667345 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04	0.00E+00	1.04E-04						
1775 ALL	480892.1	3667345 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	1.11E-04						
1776 ALL	480912.1	3667345 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	1.15E-04						
1777 ALL	480932.1	3667345 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	1.23E-04						
1778 ALL	480952.1	3667345 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	1.31E-04						
1779 ALL	480972.1	3667345 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	1.38E-04						
1780 ALL	480992.1	3667345 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	1.44E-04						
1781 ALL	481012.1	3667345 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	1.49E-04						

4700 444	4040004	2007247 11 2															
1782 ALL	481032.1	3667345 NonCancer								0.00E+00		0.00E+00		0.00E+00		0.00E+00	1.54E-04
1783 ALL	481052.1	3667345 NonCancer			0.00E+00			0.00E+00		0.00E+00			0.00E+00	0.00E+00		0.00E+00	1.58E-04
1784 ALL	481072.1	3667345 NonCancer			0.00E+00			0.00E+00	1.65E-04								
1785 ALL	481092.1	3667345 NonCancer			0.00E+00			0.00E+00	1.72E-04								
1786 ALL	481112.1	3667345 NonCancer			0.00E+00			0.00E+00	1.80E-04								
1787 ALL	481132.1	3667345 NonCancer			0.00E+00			0.00E+00	1.89E-04								
1788 ALL	481152.1	3667345 NonCancer	0.00E+00		0.00E+00			0.00E+00	1.97E-04								
1789 ALL	481172.1	3667345 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	2.10E-04						
1790 ALL	481192.1	3667345 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04	0.00E+00	2.24E-04						
1791 ALL	480792.1	3667365 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00			0.00E+00				0.00E+00	0.00E+00	0.00E+00	8.54E-05
1792 ALL	480812.1	3667365 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-05	0.00E+00	9.01E-05						
1793 ALL	480832.1	3667365 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.45E-05	0.00E+00	9.45E-05						
1794 ALL	480852.1	3667365 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.94E-05	0.00E+00	9.94E-05						
1795 ALL	480872.1	3667365 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	1.05E-04						
1796 ALL	480892.1	3667365 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	1.11E-04						
1797 ALL	480912.1	3667365 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	1.17E-04						
1798 ALL	480932.1	3667365 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	1.23E-04						
1799 ALL	480952.1	3667365 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	1.30E-04						
1800 ALL	480972.1	3667365 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	1.35E-04						
1801 ALL	480992.1	3667365 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	1.40E-04						
1802 ALL	481012.1	3667365 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	1.44E-04						
1803 ALL	481032.1	3667365 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	1.48E-04						
1804 ALL	481052.1	3667365 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	1.52E-04						
1805 ALL	481072.1	3667365 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04	0.00E+00	1.58E-04						
1806 ALL	481092.1	3667365 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	1.66E-04						
1807 ALL	481112.1	3667365 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	1.74E-04						
1808 ALL	481132.1	3667365 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	1.82E-04						
1809 ALL	481152.1	3667365 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	1.92E-04						
1810 ALL	481172.1	3667365 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	2.05E-04						
1811 ALL	481192.1	3667365 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	2.18E-04						
1812 ALL	480812.1	3667385 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-05	0.00E+00	9.04E-05						
1813 ALL	480832.1	3667385 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.56E-05	0.00E+00	9.56E-05						
1814 ALL	480852.1	3667385 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	1.01E-04						
1815 ALL	480872.1	3667385 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	1.07E-04						
1816 ALL	480892.1	3667385 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	1.12E-04						
1817 ALL	480912.1	3667385 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	1.16E-04						
1818 ALL	480932.1	3667385 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	1.21E-04						
1819 ALL	480952.1	3667385 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	1.25E-04						
1820 ALL	480972.1	3667385 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	1.29E-04						
1821 ALL	480992.1	3667385 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	1.34E-04						
1822 ALL	481012.1	3667385 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	1.38E-04						
1823 ALL	481032.1	3667385 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	1.44E-04						
1824 ALL	481052.1	3667385 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	1.49E-04						
1825 ALL	481072.1	3667385 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04	0.00E+00	1.55E-04						
1826 ALL	481092.1	3667385 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	1.61E-04						
1827 ALL	481112.1	3667385 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	1.69E-04						
1828 ALL	481132.1	3667385 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	1.77E-04						
1829 ALL	481152.1	3667385 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	1.87E-04						
1830 ALL	481172.1	3667385 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04	0.00E+00	1.99E-04						
1831 ALL	481192.1	3667385 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	2.13E-04						
1832 ALL	481212.1	3667385 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	2.28E-04						
1833 ALL	480812.1									0.00E+00							9.11E-05
1834 ALL	480832.1															0.00E+00	9.63E-05
1835 ALL	480852.1																

1026 ALL	400072.4	2667405 NamCanaan	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	1 005 04	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	1 005 04
1836 ALL 1837 ALL	480872.1	3667405 NonCancer 3667405 NonCancer		0.00E+00 0.00E+00	0.00E+00 0.00E+00		0.00E+00 0.00E+00					0.00E+00		0.00E+00	0.00E+00	0.00E+00 0.00E+00	1.06E-04
1838 ALL	480892.1 480912.1	3667405 NonCancer		0.00E+00 0.00E+00	0.00E+00		0.00E+00	0.00E+00 0.00E+00		0.00E+00 0.00E+00	0.00E+00 0.00E+00	0.00E+00 0.00E+00	0.00E+00 0.00E+00	0.00E+00 0.00E+00			1.10E-04 1.14E-04
1839 ALL		3667405 NonCancer		0.00E+00 0.00E+00	0.00E+00		0.00E+00		_	0.00E+00							1.14E-04 1.17E-04
1840 ALL	480932.1 480952.1	3667405 NonCancer		0.00E+00 0.00E+00	0.00E+00		0.00E+00	0.00E+00 0.00E+00		0.00E+00	0.00E+00 0.00E+00	0.00E+00 0.00E+00		0.00E+00 0.00E+00			1.17E-04 1.21E-04
	480972.1	3667405 NonCancer		0.00E+00	0.00E+00		0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00		0.00E+00			1.21E-04 1.24E-04
1841 ALL 1842 ALL	480972.1	3667405 NonCancer		0.00E+00 0.00E+00	0.00E+00		0.00E+00		_	0.00E+00	0.00E+00			0.00E+00			1.24E-04 1.29E-04
1843 ALL	481012.1	3667405 NonCancer		0.00E+00 0.00E+00	0.00E+00		0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00		0.00E+00			1.34E-04
1844 ALL	481032.1	3667405 NonCancer					0.00E+00	0.00E+00 0.00E+00		0.00E+00 0.00E+00		0.00E+00 0.00E+00	0.00E+00			0.00E+00 0.00E+00	1.34E-04 1.39E-04
1845 ALL	481052.1	3667405 NonCancer			0.00E+00		0.00E+00			0.00E+00				0.00E+00		0.00E+00	1.45E-04
1846 ALL	481032.1	3667405 NonCancer			0.00E+00		0.00E+00			0.00E+00			0.00E+00	0.00E+00		0.00E+00	1.43L-04 1.50E-04
1847 ALL	481072.1	3667405 NonCancer			0.00E+00		0.00E+00			0.00E+00			0.00E+00	0.00E+00		0.00E+00	1.56E-04
1848 ALL	481112.1	3667405 NonCancer			0.00E+00		0.00E+00			0.00E+00			0.00E+00	0.00E+00		0.00E+00	1.64E-04
1849 ALL	481132.1	3667405 NonCancer					0.00E+00			0.00E+00		0.00E+00	0.00E+00	0.00E+00		0.00E+00	1.73E-04
1850 ALL	481152.1	3667405 NonCancer		0.00E+00	0.00E+00		0.00E+00	0.00E+00				0.00E+00	0.00E+00	0.00E+00			1.73E-04 1.83E-04
1851 ALL	481172.1	3667405 NonCancer		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00			1.95E-04
1852 ALL	481192.1	3667405 NonCancer		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		2.09E-04
1853 ALL	481212.1	3667405 NonCancer			0.00E+00		0.00E+00	0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00		2.23E-04
1854 ALL	480832.1	3667425 NonCancer			0.00E+00		0.00E+00	0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00		9.62E-05
1855 ALL	480852.1	3667425 NonCancer				0.00E+00	0.00E+00	0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00		1.00E-04
1856 ALL	480872.1	3667425 NonCancer				0.00E+00	0.00E+00			0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00		1.04E-04
1857 ALL	480892.1	3667425 NonCancer		0.00E+00	0.00E+00	0.00E+00	0.00E+00			0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00		1.07E-04
1858 ALL	480912.1	3667425 NonCancer		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		1.11E-04
1859 ALL	480932.1	3667425 NonCancer		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		1.14E-04
1860 ALL	480952.1	3667425 NonCancer		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00		1.17E-04
1861 ALL	480972.1	3667425 NonCancer				0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00			0.00E+00	0.00E+00	0.00E+00		1.21E-04
1862 ALL	480992.1	3667425 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04
1863 ALL	481012.1	3667425 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04
1864 ALL	481032.1	3667425 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04
1865 ALL	481052.1	3667425 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
1866 ALL	481072.1	3667425 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
1867 ALL	481092.1	3667425 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
1868 ALL	481112.1	3667425 NonCancer	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
1869 ALL	481132.1	3667425 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04
1870 ALL	481152.1	3667425 NonCancer	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
1871 ALL	481172.1	3667425 NonCancer		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
1872 ALL	480832.1	3667445 NonCancer			0.00E+00		0.00E+00		9.37E-05			0.00E+00	0.00E+00	0.00E+00	0.00E+00		9.37E-05
1873 ALL	480852.1																
1874 ALL	480872.1	3667445 NonCancer								0.00E+00				0.00E+00		0.00E+00	1.00E-04
1875 ALL	480892.1	3667445 NonCancer														0.00E+00	
1876 ALL	480912.1	3667445 NonCancer														0.00E+00	
1877 ALL	480932.1	3667445 NonCancer								0.00E+00						0.00E+00	
1878 ALL	480952.1	3667445 NonCancer														0.00E+00	
1879 ALL	480972.1	3667445 NonCancer								0.00E+00						0.00E+00	
1880 ALL	480992.1	3667445 NonCancer								0.00E+00						0.00E+00	
1881 ALL	481012.1	3667445 NonCancer								0.00E+00						0.00E+00	
1882 ALL 1883 ALL	481032.1 481052.1	3667445 NonCancer								0.00E+00 0.00E+00						0.00E+00	
1884 ALL	481052.1	3667445 NonCancer 3667445 NonCancer														0.00E+00 0.00E+00	
1885 ALL	481072.1	3667445 NonCancer								0.00E+00						0.00E+00 0.00E+00	
1886 ALL	481032.1	3667445 NonCancer								0.00E+00						0.00E+00	
1887 ALL	480832.1	3667465 NonCancer								0.00E+00						0.00E+00	9.04E-05
1888 ALL	480852.1	3667465 NonCancer								0.00E+00							9.28E-05
1889 ALL	480872.1															0.00E+00	
1005 ALL	700072.1	3307 703 Noncance	3.002.00	3.002.00	J.55E 100	J.JJL 100	J.55E 100	J.55E 100	J.03L 03	J.55E 100	J.JJL 100	J.JJL 100	J.55E 100	J.55E 100	J.JJL 100	3.002.00	J.03L 03

1000 111	400000 4	2667465 N 6	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	4 005 04	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	4 005 04
1890 ALL	480892.1	3667465 NonCancer				0.00E+00		0.00E+00				0.00E+00			0.00E+00	0.00E+00	1.00E-04
1891 ALL	480912.1	3667465 NonCancer			0.00E+00		0.00E+00	0.00E+00		0.00E+00	1.04E-04						
1892 ALL	480932.1	3667465 NonCancer			0.00E+00		0.00E+00	0.00E+00		0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04
1893 ALL	480952.1	3667465 NonCancer			0.00E+00			0.00E+00		0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
1894 ALL	480972.1	3667465 NonCancer			0.00E+00			0.00E+00		0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
1895 ALL	480992.1	3667465 NonCancer			0.00E+00			0.00E+00		0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00	1.19E-04
1896 ALL	481012.1	3667465 NonCancer	0.00E+00	0.00E+00	0.00E+00			0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	1.23E-04
1897 ALL	481032.1	3667465 NonCancer			0.00E+00		0.00E+00	0.00E+00	1.27E-04	0.00E+00	1.27E-04						
1898 ALL	481052.1	3667465 NonCancer	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	1.32E-04
1899 ALL	481072.1	3667465 NonCancer					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	1.38E-04
1900 ALL	481092.1	3667465 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	1.45E-04						
1901 ALL	481112.1	3667465 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04	0.00E+00	1.55E-04						
1902 ALL	481132.1	3667465 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	1.65E-04						
1903 ALL	480852.1	3667485 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-05	0.00E+00	9.01E-05						
1904 ALL	480872.1	3667485 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.34E-05	0.00E+00	9.34E-05						
1905 ALL	480892.1	3667485 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.73E-05	0.00E+00	9.73E-05						
1906 ALL	480912.1	3667485 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	1.01E-04						
1907 ALL	480932.1	3667485 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04	0.00E+00	1.04E-04						
1908 ALL	480952.1	3667485 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	1.08E-04						
1909 ALL	480972.1	3667485 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	1.11E-04						
1910 ALL	480992.1	3667485 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	1.15E-04						
1911 ALL	481012.1	3667485 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	1.19E-04						
1912 ALL	481032.1	3667485 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	1.24E-04						
1913 ALL	481052.1	3667485 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	1.29E-04						
1914 ALL	481072.1	3667485 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	1.34E-04						
1915 ALL	481092.1	3667485 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	1.42E-04						
1916 ALL	481112.1	3667485 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	1.52E-04						
1917 ALL	481132.1	3667485 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	1.62E-04						
1918 ALL	480852.1	3667505 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-05	0.00E+00	8.73E-05						
1919 ALL	480872.1	3667505 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-05	0.00E+00	9.03E-05						
1920 ALL	480892.1	3667505 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.46E-05	0.00E+00	9.46E-05						
1921 ALL	480912.1	3667505 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-05	0.00E+00	9.84E-05						
1922 ALL	480932.1	3667505 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	1.02E-04						
1923 ALL	480952.1	3667505 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	1.05E-04						
1924 ALL	480972.1	3667505 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	1.09E-04						
1925 ALL	480992.1	3667505 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	1.12E-04						
1926 ALL	481012.1	3667505 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	1.16E-04						
1927 ALL	481032.1	3667505 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	1.20E-04						
1928 ALL	481052.1	3667505 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	1.26E-04						
1929 ALL	481072.1	3667505 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	1.32E-04						
1930 ALL	481092.1	3667505 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	1.41E-04						
1931 ALL	481112.1	3667505 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00	1.50E-04						
1932 ALL	481132.1	3667505 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	1.59E-04						
1933 ALL	480872.1	3667525 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.80E-05	0.00E+00	8.80E-05						
1934 ALL	480892.1	3667525 NonCancer														0.00E+00	
1935 ALL	480912.1	3667525 NonCancer														0.00E+00	
1936 ALL	480932.1	3667525 NonCancer														0.00E+00	
1937 ALL	480952.1	3667525 NonCancer															
1938 ALL	480972.1	3667525 NonCancer															
1939 ALL	480992.1	3667525 NonCancer															
1940 ALL	481012.1	3667525 NonCancer															
1941 ALL	481032.1	3667525 NonCancer														0.00E+00	
1941 ALL 1942 ALL	481052.1	3667525 NonCancer															
1942 ALL 1943 ALL	481032.1																
1343 ALL	<del>4</del> 010/2.1	JOU/JZJ NUITCAITCEI	0.00L+00	0.00L+00	J.UULTUU	0.00LT00	0.00L+00	J.UULTUU	1.31L-04	0.00L+00	J.UULTUU	0.00L+00	J.UULTUU	0.00L+00	0.00L+00	0.00LT00	1.J1L-04

1944 ALL	481092.1	3667525 NonCancer				0.00E+00		0.00E+00				0.00E+00			0.00E+00	0.00E+00	1.39E-04
1945 ALL	481112.1	3667525 NonCancer			0.00E+00		0.00E+00	0.00E+00		0.00E+00	1.48E-04						
1946 ALL	481132.1	3667525 NonCancer			0.00E+00		0.00E+00	0.00E+00		0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04
1947 ALL	481152.1	3667525 NonCancer			0.00E+00		0.00E+00	0.00E+00		0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
1948 ALL	480872.1	3667545 NonCancer			0.00E+00		0.00E+00	0.00E+00				0.00E+00		0.00E+00	0.00E+00	0.00E+00	8.66E-05
1949 ALL	480892.1	3667545 NonCancer			0.00E+00		0.00E+00	0.00E+00	8.99E-05			0.00E+00		0.00E+00	0.00E+00	0.00E+00	8.99E-05
1950 ALL	480912.1	3667545 NonCancer	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	9.31E-05	0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00	9.31E-05
1951 ALL	480932.1	3667545 NonCancer			0.00E+00		0.00E+00	0.00E+00				0.00E+00		0.00E+00	0.00E+00	0.00E+00	9.61E-05
1952 ALL	480952.1	3667545 NonCancer						0.00E+00			0.00E+00					0.00E+00	9.90E-05
1953 ALL	480972.1	3667545 NonCancer	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	1.02E-04
1954 ALL	480992.1	3667545 NonCancer	0.00E+00				0.00E+00	0.00E+00		0.00E+00				0.00E+00		0.00E+00	1.06E-04
1955 ALL	481012.1	3667545 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	1.10E-04						
1956 ALL	481032.1	3667545 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	1.15E-04						
1957 ALL	481052.1	3667545 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	1.22E-04						
1958 ALL	481072.1	3667545 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	1.30E-04						
1959 ALL	481092.1	3667545 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	1.38E-04						
1960 ALL	481112.1	3667545 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	1.45E-04						
1961 ALL	481132.1	3667545 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	1.52E-04						
1962 ALL	481152.1	3667545 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	1.60E-04						
1963 ALL	480892.1	3667565 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-05	0.00E+00	8.73E-05						
1964 ALL	480912.1	3667565 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-05	0.00E+00	9.03E-05						
1965 ALL	480932.1	3667565 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.32E-05	0.00E+00	9.32E-05						
1966 ALL	480952.1	3667565 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.61E-05	0.00E+00	9.61E-05						
1967 ALL	480972.1	3667565 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-05	0.00E+00	9.93E-05						
1968 ALL	480992.1	3667565 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	1.03E-04						
1969 ALL	481012.1	3667565 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	1.08E-04						
1970 ALL	481032.1	3667565 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	1.14E-04						
1971 ALL	481052.1	3667565 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	1.21E-04						
1972 ALL	481072.1	3667565 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	1.28E-04						
1973 ALL	481092.1	3667565 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	1.35E-04						
1974 ALL	481112.1	3667565 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	1.42E-04						
1975 ALL	480892.1	3667585 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-05	0.00E+00	8.46E-05						
1976 ALL	480912.1	3667585 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.75E-05	0.00E+00	8.75E-05						
1977 ALL	480932.1	3667585 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-05	0.00E+00	9.05E-05						
1978 ALL	480952.1	3667585 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-05	0.00E+00	9.37E-05						
1979 ALL	480972.1	3667585 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.72E-05	0.00E+00	9.72E-05						
1980 ALL	480992.1	3667585 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	1.01E-04						
1981 ALL	481012.1	3667585 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	1.07E-04						
1982 ALL	481032.1	3667585 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04	0.00E+00	1.13E-04						
1983 ALL	481052.1	3667585 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	1.20E-04						
1984 ALL	481072.1	3667585 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	1.27E-04						
1985 ALL	481132.1	3667585 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	1.44E-04						
1986 ALL	481152.1	3667585 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	1.49E-04						
1987 ALL	481172.1	3667585 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	1.53E-04						
1988 ALL	481192.1	3667585 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	1.57E-04						
1989 ALL	480892.1	3667605 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.19E-05	0.00E+00	8.19E-05						
1990 ALL	480912.1	3667605 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.47E-05	0.00E+00	8.47E-05						
1991 ALL	480952.1	3667605 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.17E-05	0.00E+00	9.17E-05						
1992 ALL	480972.1	3667605 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.57E-05	0.00E+00	9.57E-05						
1993 ALL	480992.1	3667605 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	1.01E-04						
1994 ALL	481012.1	3667605 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	1.06E-04						
1995 ALL	481032.1	3667605 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	1.12E-04						
1996 ALL	481092.1	3667605 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	1.30E-04						
1997 ALL	481112.1	3667605 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	1.34E-04						

4000 411	404422.4	2667605 N	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	4 205 04	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	4 205 04
1998 ALL	481132.1	3667605 NonCancer				0.00E+00		0.00E+00		0.00E+00		0.00E+00			0.00E+00	0.00E+00	1.39E-04
1999 ALL	481152.1	3667605 NonCancer			0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	1.44E-04						
2000 ALL	481172.1	3667605 NonCancer			0.00E+00		0.00E+00	0.00E+00		0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04
2001 ALL	481192.1	3667605 NonCancer			0.00E+00		0.00E+00	0.00E+00		0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04
2002 ALL	481232.1	3667605 NonCancer			0.00E+00		0.00E+00	0.00E+00		0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00	1.57E-04
2003 ALL	481252.1	3667605 NonCancer			0.00E+00		0.00E+00	0.00E+00		0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00	1.59E-04
2004 ALL	481272.1	3667605 NonCancer	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	1.63E-04	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
2005 ALL	480952.1	3667625 NonCancer	0.00E+00		0.00E+00		0.00E+00	0.00E+00	8.99E-05	0.00E+00	8.99E-05						
2006 ALL	480972.1	3667625 NonCancer	0.00E+00				0.00E+00	0.00E+00	9.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	9.44E-05
2007 ALL	480992.1	3667625 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.98E-05	0.00E+00	9.98E-05						
2008 ALL	481052.1	3667625 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	1.16E-04						
2009 ALL	481072.1	3667625 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	1.22E-04						
2010 ALL	481092.1	3667625 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	1.26E-04						
2011 ALL	481112.1	3667625 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	1.31E-04						
2012 ALL	481132.1	3667625 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	1.34E-04						
2013 ALL	481152.1	3667625 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	1.38E-04						
2014 ALL	481172.1	3667625 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	1.41E-04						
2015 ALL	481192.1	3667625 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	1.45E-04						
2016 ALL	481212.1	3667625 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	1.48E-04						
2017 ALL	481232.1	3667625 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00	1.50E-04						
2018 ALL	481252.1	3667625 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	1.53E-04						
2019 ALL	481272.1	3667625 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04	0.00E+00	1.55E-04						
2020 ALL	480992.1	3667645 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.89E-05	0.00E+00	9.89E-05						
2021 ALL	481012.1	3667645 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04	0.00E+00	1.04E-04						
2022 ALL	481032.1	3667645 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	1.08E-04						
2023 ALL	481052.1	3667645 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04	0.00E+00	1.13E-04						
2024 ALL	481072.1	3667645 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	1.18E-04						
2025 ALL	481092.1	3667645 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	1.22E-04						
2026 ALL	481112.1	3667645 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	1.26E-04						
2027 ALL	481132.1	3667645 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	1.30E-04						
2028 ALL	481152.1	3667645 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	1.32E-04						
2029 ALL	481172.1	3667645 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	1.35E-04						
2030 ALL	481192.1	3667645 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	1.39E-04						
2031 ALL	481212.1	3667645 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	1.42E-04						
2032 ALL	481232.1	3667645 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	1.44E-04						
2033 ALL	481252.1	3667645 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	1.46E-04						
2034 ALL	481272.1	3667645 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04	0.00E+00	1.47E-04						
2035 ALL	481292.1	3667645 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	1.49E-04						
2036 ALL	481312.1	3667645 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	1.51E-04						
2037 ALL	481332.1	3667645 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	1.52E-04						
2038 ALL	481352.1	3667645 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	1.54E-04						
2039 ALL	480952.1	3667665 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.77E-05	0.00E+00	8.77E-05						
2040 ALL	480972.1	3667665 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-05	0.00E+00	9.22E-05						
2041 ALL	480992.1	3667665 NonCancer														0.00E+00	
2042 ALL	481012.1	3667665 NonCancer														0.00E+00	
2043 ALL	481032.1	3667665 NonCancer														0.00E+00	
2044 ALL	481052.1	3667665 NonCancer															
2045 ALL	481072.1	3667665 NonCancer															
2046 ALL	481092.1																
2047 ALL	481112.1	3667665 NonCancer															
2048 ALL	481132.1															0.00E+00	
2049 ALL	481152.1															0.00E+00	
2050 ALL	481172.1															0.00E+00	
2051 ALL	481172.1																
ZUJI ALL	401132.1	3007003 NUMERICE	J.UULTUU	0.00LT00	J.UULTUU	0.00L+00	J.UULTUU	J.UULTUU	1.34L-04	0.00L+00	J.UULTUU	0.00L+00	J.UULTUU	0.00L+00	0.00L+00	0.00LT00	1.341-04

2052 411	404242.4	2667665 N 6	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	4 265 04	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	4 265 04
2052 ALL	481212.1	3667665 NonCancer				0.00E+00		0.00E+00				0.00E+00			0.00E+00	0.00E+00	1.36E-04
2053 ALL	481232.1	3667665 NonCancer			0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	1.38E-04						
2054 ALL	481252.1	3667665 NonCancer			0.00E+00		0.00E+00	0.00E+00		0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
2055 ALL	481272.1	3667665 NonCancer			0.00E+00			0.00E+00		0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
2056 ALL	481292.1	3667665 NonCancer			0.00E+00			0.00E+00		0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
2057 ALL	481312.1	3667665 NonCancer			0.00E+00			0.00E+00				0.00E+00		0.00E+00	0.00E+00	0.00E+00	1.44E-04
2058 ALL	481332.1	3667665 NonCancer	0.00E+00	0.00E+00	0.00E+00			0.00E+00	1.45E-04	0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00	1.45E-04
2059 ALL	481352.1	3667665 NonCancer	0.00E+00		0.00E+00		0.00E+00	0.00E+00	1.47E-04	0.00E+00	1.47E-04						
2060 ALL	481372.1	3667665 NonCancer	0.00E+00				0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	1.49E-04
2061 ALL	480932.1	3667685 NonCancer	0.00E+00				0.00E+00	0.00E+00		0.00E+00				0.00E+00		0.00E+00	8.26E-05
2062 ALL	480952.1	3667685 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.68E-05	0.00E+00	8.68E-05						
2063 ALL	480972.1	3667685 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.11E-05	0.00E+00	9.11E-05						
2064 ALL	480992.1	3667685 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.54E-05	0.00E+00	9.54E-05						
2065 ALL	481012.1	3667685 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-05	0.00E+00	9.86E-05						
2066 ALL	481032.1	3667685 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	1.02E-04						
2067 ALL	481052.1	3667685 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	1.05E-04						
2068 ALL	481072.1	3667685 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	1.09E-04						
2069 ALL	481092.1	3667685 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	1.11E-04						
2070 ALL	481112.1	3667685 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	1.15E-04						
2071 ALL	481132.1	3667685 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	1.21E-04						
2072 ALL	481152.1	3667685 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	1.24E-04						
2073 ALL	481172.1	3667685 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	1.26E-04						
2074 ALL	481192.1	3667685 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	1.28E-04						
2075 ALL	481212.1	3667685 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	1.30E-04						
2076 ALL	481232.1	3667685 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	1.32E-04						
2077 ALL	481252.1	3667685 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	1.33E-04						
2078 ALL	481272.1	3667685 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	1.35E-04						
2079 ALL	481292.1	3667685 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00	1.36E-04						
2080 ALL	481312.1	3667685 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	1.37E-04						
2081 ALL	481332.1	3667685 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	1.39E-04						
2082 ALL	481352.1	3667685 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	1.41E-04						
2083 ALL	481372.1	3667685 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	1.43E-04						
2084 ALL	480932.1	3667705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-05	0.00E+00	8.12E-05						
2085 ALL	480952.1	3667705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.55E-05	0.00E+00	8.55E-05						
2086 ALL	480972.1	3667705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.96E-05	0.00E+00	8.96E-05						
2087 ALL	480992.1	3667705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.31E-05	0.00E+00	9.31E-05						
2088 ALL	481012.1	3667705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-05	0.00E+00	9.47E-05						
2089 ALL	481032.1	3667705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.68E-05	0.00E+00	9.68E-05						
2090 ALL	481052.1	3667705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	1.01E-04						
2091 ALL	481072.1	3667705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	1.05E-04						
2092 ALL	481092.1	3667705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	1.08E-04						
2093 ALL	481112.1	3667705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	1.11E-04						
2094 ALL	481132.1	3667705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	1.15E-04						
2095 ALL	481152.1	3667705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	1.19E-04						
2096 ALL	481172.1	3667705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	1.21E-04						
2097 ALL	481192.1	3667705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	1.23E-04						
2098 ALL	481212.1	3667705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	1.25E-04						
2099 ALL	481232.1	3667705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	1.26E-04						
2100 ALL	481252.1	3667705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	1.27E-04						
2101 ALL	481272.1	3667705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	1.29E-04						
2102 ALL	481292.1	3667705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	1.30E-04						
2103 ALL	481312.1	3667705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	1.32E-04						
2104 ALL	481332.1	3667705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	1.33E-04						
2105 ALL	481352.1	3667705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	1.35E-04						

2106 ALL	481372.1	3667705 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	1.37E-04						
2107 ALL	480952.1	3667725 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.16E-05	0.00E+00	8.16E-05						
2108 ALL	480972.1	3667725 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-05	0.00E+00	8.53E-05						
2109 ALL	480992.1	3667725 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-05	0.00E+00	8.91E-05						
2110 ALL	481012.1	3667725 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-05	0.00E+00	9.23E-05						
2111 ALL	481032.1	3667725 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.54E-05	0.00E+00	9.54E-05						
2112 ALL	481052.1	3667725 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.90E-05	0.00E+00	9.90E-05						
2113 ALL	481072.1	3667725 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	1.03E-04						
2114 ALL	481092.1	3667725 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	1.05E-04						
2115 ALL	481112.1	3667725 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	1.08E-04						
2116 ALL	481132.1	3667725 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	1.11E-04						
2117 ALL	481152.1	3667725 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	1.14E-04						
2118 ALL	481172.1	3667725 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	1.16E-04						
2119 ALL	481192.1	3667725 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	1.18E-04						
2120 ALL	481212.1	3667725 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	1.19E-04						
2121 ALL	481232.1	3667725 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	1.20E-04						
2122 ALL	481252.1	3667725 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	1.22E-04						
2123 ALL	481272.1	3667725 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	1.23E-04						
2124 ALL	481292.1	3667725 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	1.25E-04						
2125 ALL	481312.1	3667725 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	1.26E-04						
2126 ALL	481332.1	3667725 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	1.27E-04						
2127 ALL	481352.1	3667725 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	1.29E-04						
2128 ALL	480952.1	3667745 NonCancer		0.00E+00		0.00E+00	0.00E+00	0.00E+00			0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-05
2129 ALL	480972.1	3667745 NonCancer		0.00E+00		0.00E+00	0.00E+00	0.00E+00		0.00E+00	8.28E-05						
2130 ALL	480992.1	3667745 NonCancer		0.00E+00		0.00E+00	0.00E+00	0.00E+00			0.00E+00		0.00E+00	0.00E+00	0.00E+00		8.60E-05
2131 ALL	481012.1	3667745 NonCancer		0.00E+00		0.00E+00	0.00E+00	0.00E+00		0.00E+00	8.93E-05						
2132 ALL	481032.1	3667745 NonCancer				0.00E+00		0.00E+00			0.00E+00						9.26E-05
2133 ALL	481052.1	3667745 NonCancer				0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00						9.59E-05
2134 ALL	481072.1	3667745 NonCancer			0.00E+00	0.00E+00	0.00E+00	0.00E+00			0.00E+00			0.00E+00	0.00E+00	0.00E+00	9.95E-05
2135 ALL	481092.1	3667745 NonCancer				0.00E+00		0.00E+00			0.00E+00					0.00E+00	
2136 ALL	481112.1	3667745 NonCancer				0.00E+00		0.00E+00			0.00E+00			0.00E+00		0.00E+00	
2137 ALL	481132.1	3667745 NonCancer			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	1.07E-04
2138 ALL	481152.1	3667745 NonCancer				0.00E+00	0.00E+00	0.00E+00			0.00E+00		0.00E+00	0.00E+00		0.00E+00	
2139 ALL	481172.1	3667745 NonCancer				0.00E+00	0.00E+00	0.00E+00			0.00E+00		0.00E+00	0.00E+00		0.00E+00	
2140 ALL	481192.1	3667745 NonCancer		0.00E+00		0.00E+00	0.00E+00	0.00E+00				0.00E+00	0.00E+00	0.00E+00	0.00E+00		1.13E-04
2141 ALL	481212.1	3667745 NonCancer			0.00E+00						0.00E+00					0.00E+00	
2142 ALL	481232.1	3667745 NonCancer														0.00E+00	
2143 ALL	481252.1	3667745 NonCancer															
2144 ALL	481272.1	3667745 NonCancer														0.00E+00	
2145 ALL	481292.1	3667745 NonCancer								0.00E+00						0.00E+00	
2146 ALL	481312.1	3667745 NonCancer								0.00E+00						0.00E+00	
2147 ALL	481332.1	3667745 NonCancer								0.00E+00						0.00E+00	
2148 ALL	480952.1	3667765 NonCancer								0.00E+00						0.00E+00	
2149 ALL	480972.1	3667765 NonCancer								0.00E+00						0.00E+00	
2150 ALL	480992.1	3667765 NonCancer								0.00E+00						0.00E+00	
2150 ALL 2151 ALL	481012.1	3667765 NonCancer														0.00E+00	
2151 ALL 2152 ALL	481012.1	3667765 NonCancer								0.00E+00						0.00E+00	
2152 ALL 2153 ALL	481052.1	3667765 NonCancer								0.00E+00						0.00E+00	
2154 ALL	481032.1	3667765 NonCancer			0.00E+00					0.00E+00						0.00E+00	
2154 ALL 2155 ALL	481072.1	3667765 NonCancer			0.00E+00					0.00E+00						0.00E+00	
2156 ALL	481112.1				0.00E+00					0.00E+00						0.00E+00	
		3667765 NonCancer															
2157 ALL	481132.1	3667765 NonCancer								0.00E+00						0.00E+00	
2158 ALL	481152.1	3667765 NonCancer			0.00E+00					0.00E+00						0.00E+00	
2159 ALL	481172.1	3667765 NonCancer	U.UUE+UU	U.UUE+UU	U.UUE+UU	U.UUE+UU	U.UUE+UU	U.UUE+UU	1.U/E-U4	U.UUE+UU	U.UUE+UU	U.UUE+UU	U.UUE+UU	U.UUE+UU	U.UUE+UU	0.00E+00	1.U/E-U4

2160 ALL	481192.1	3667765 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	1.07E-04						
2161 ALL	481212.1	3667765 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	1.08E-04						
2162 ALL	481232.1	3667765 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	1.09E-04						
2163 ALL	481252.1	3667765 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	1.11E-04						
2164 ALL	481272.1	3667765 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04	0.00E+00	1.13E-04						
2165 ALL	481292.1	3667765 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	1.15E-04						
2166 ALL	481312.1	3667765 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	1.16E-04						
2167 ALL	481332.1	3667765 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	1.18E-04						
2168 ALL	480972.1	3667785 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-05	0.00E+00	7.93E-05						
2169 ALL	480992.1	3667785 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-05	0.00E+00	8.17E-05						
2170 ALL	481012.1	3667785 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-05	0.00E+00	8.46E-05						
2171 ALL	481032.1	3667785 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-05	0.00E+00	8.76E-05						
2172 ALL	481052.1	3667785 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-05	0.00E+00	9.07E-05						
2173 ALL	481072.1	3667785 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.40E-05	0.00E+00	9.40E-05						
2174 ALL	481092.1	3667785 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.66E-05	0.00E+00	9.66E-05						
2175 ALL	481112.1	3667785 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.87E-05	0.00E+00	9.87E-05						
2176 ALL	481132.1	3667785 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04	0.00E+00	1.00E-04						
2177 ALL	481152.1	3667785 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	1.01E-04						
2178 ALL	481172.1	3667785 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	1.02E-04						
2179 ALL	481192.1	3667785 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	1.03E-04						
2180 ALL	481212.1	3667785 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04	0.00E+00	1.04E-04						
2181 ALL	481232.1	3667785 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	1.05E-04						
2182 ALL	481252.1	3667785 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	1.07E-04						
2183 ALL	481272.1	3667785 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	1.09E-04						
2184 ALL	481292.1	3667785 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	1.10E-04						
2185 ALL	481312.1	3667785 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	1.12E-04
2186 ALL	481332.1	3667785 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04	0.00E+00	1.13E-04						
2187 ALL	481352.1	3667785 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	1.14E-04						
2188 ALL	480972.1	3667805 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.64E-05	0.00E+00	7.64E-05						
2189 ALL	480992.1	3667805 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-05	0.00E+00	7.95E-05						
2190 ALL	481012.1	3667805 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-05	0.00E+00	8.20E-05						
2191 ALL	481032.1	3667805 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-05	0.00E+00	8.45E-05						
2192 ALL	481052.1	3667805 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.70E-05	0.00E+00	8.70E-05						
2193 ALL	481072.1	3667805 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.93E-05	0.00E+00	8.93E-05						
2194 ALL	481092.1	3667805 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.25E-05	0.00E+00	9.25E-05						
2195 ALL	481112.1	3667805 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-05	0.00E+00	9.55E-05						
2196 ALL	481132.1	3667805 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.75E-05	0.00E+00	9.75E-05						
2197 ALL	481152.1	3667805 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.76E-05	0.00E+00	9.76E-05						
2198 ALL	481172.1	3667805 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-05	0.00E+00	9.86E-05						
2199 ALL	481192.1	3667805 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.94E-05	0.00E+00	9.94E-05						
2200 ALL	481212.1		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00							1.00E-04
2201 ALL	481232.1									0.00E+00							1.02E-04
2202 ALL	481252.1									0.00E+00							1.03E-04
2203 ALL	481272.1									0.00E+00							1.05E-04
2204 ALL	481292.1									0.00E+00							1.06E-04
2205 ALL	481312.1									0.00E+00							1.08E-04
2206 ALL	481332.1									0.00E+00							1.09E-04
2207 ALL	481352.1									0.00E+00							1.10E-04
2208 ALL	480992.1									0.00E+00							7.66E-05
2209 ALL	481012.1									0.00E+00							7.86E-05
2210 ALL	481032.1									0.00E+00							7.97E-05
2210 ALL 2211 ALL	481052.1									0.00E+00							8.11E-05
2211 ALL 2212 ALL	481072.1									0.00E+00							8.25E-05
2212 ALL 2213 ALL	481072.1																8.71E-05
ZZIJ ALL	401032.1	JUUTUZJ NUNCANCEN	0.00L+00	J.UUL+UU	0.00LT00	0.00L+00	J.UULTUU	0.00L+00	0.7 IL-03	0.00L+00	0.00L+00	0.00L+00	0.00L+00	0.00L+00	J.UULTUU	J.UULTUU	3./1L-UJ

2214 ALL	481112.1	3667825 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.17E-05	0.00E+00	9.17E-05						
2215 ALL	481132.1	3667825 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.46E-05	0.00E+00	9.46E-05						
2216 ALL	481152.1	3667825 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.45E-05	0.00E+00	9.45E-05						
2217 ALL	481172.1	3667825 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.51E-05	0.00E+00	9.51E-05						
2218 ALL	481192.1	3667825 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-05	0.00E+00	9.58E-05						
2219 ALL	481212.1	3667825 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.66E-05	0.00E+00	9.66E-05						
2220 ALL	481232.1	3667825 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.76E-05	0.00E+00	9.76E-05						
2221 ALL	481252.1	3667825 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.89E-05	0.00E+00	9.89E-05						
2222 ALL	481272.1	3667825 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	1.01E-04						
2223 ALL	481292.1	3667825 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	1.02E-04						
2224 ALL	481312.1	3667825 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04	0.00E+00	1.04E-04						
2225 ALL	481332.1	3667825 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	1.06E-04						
2226 ALL	481352.1	3667825 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	1.06E-04						
2227 ALL	481372.1	3667825 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	1.08E-04						
2228 ALL	480992.1	3667845 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-05	0.00E+00	7.48E-05						
2229 ALL	481012.1	3667845 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-05	0.00E+00	7.68E-05						
2230 ALL	481032.1	3667845 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.81E-05	0.00E+00	7.81E-05						
2231 ALL	481052.1	3667845 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-05	0.00E+00	7.93E-05						
2232 ALL	481072.1	3667845 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-05	0.00E+00	8.02E-05						
2233 ALL	481092.1	3667845 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-05	0.00E+00	8.33E-05						
2234 ALL	481112.1	3667845 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.77E-05	0.00E+00	8.77E-05						
2235 ALL	481132.1	3667845 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.18E-05	0.00E+00	9.18E-05						
2236 ALL	481152.1	3667845 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-05	0.00E+00	9.16E-05						
2237 ALL	481172.1	3667845 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.17E-05	0.00E+00	9.17E-05						
2238 ALL	481192.1	3667845 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-05	0.00E+00	9.23E-05						
2239 ALL	481212.1	3667845 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.34E-05	0.00E+00	9.34E-05						
2240 ALL	481232.1	3667845 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.45E-05	0.00E+00	9.45E-05						
2241 ALL	481252.1	3667845 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.59E-05	0.00E+00	9.59E-05						
2242 ALL	481272.1	3667845 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.72E-05	0.00E+00	9.72E-05						
2243 ALL	481292.1	3667845 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-05	0.00E+00	9.86E-05						
2244 ALL	481312.1	3667845 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04	0.00E+00	1.00E-04						
2245 ALL	481332.1	3667845 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	1.02E-04						
2246 ALL	481352.1	3667845 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04	0.00E+00	1.04E-04						
2247 ALL	481012.1	3667865 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-05	0.00E+00	7.52E-05						
2248 ALL	481032.1	3667865 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-05	0.00E+00	7.66E-05						
2249 ALL	481052.1	3667865 NonCancer	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	7.76E-05	0.00E+00	7.76E-05						
2250 ALL	481072.1	3667865 NonCancer		0.00E+00	0.00E+00			0.00E+00	7.85E-05			0.00E+00	0.00E+00	0.00E+00		0.00E+00	7.85E-05
2251 ALL	481092.1	3667865 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-05	0.00E+00	8.07E-05						
2252 ALL	481112.1	3667865 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.43E-05	0.00E+00	8.43E-05						
2253 ALL	481132.1	3667865 NonCancer											0.00E+00				8.83E-05
2254 ALL	481152.1	3667865 NonCancer											0.00E+00				8.87E-05
2255 ALL	481172.1	3667865 NonCancer											0.00E+00				8.87E-05
2256 ALL	481192.1	3667865 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-05	0.00E+00	8.92E-05						
2257 ALL	481212.1	3667865 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-05	0.00E+00	9.03E-05						
2258 ALL	481232.1	3667865 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.14E-05	0.00E+00	9.14E-05						
2259 ALL	481252.1	3667865 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.32E-05	0.00E+00	9.32E-05						
2260 ALL	481272.1	3667865 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.46E-05	0.00E+00	9.46E-05						
2261 ALL	481292.1	3667865 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.57E-05	0.00E+00	9.57E-05						
2262 ALL	481012.1	3667885 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-05	0.00E+00	7.34E-05						
2263 ALL	481032.1	3667885 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-05	0.00E+00	7.48E-05						
2264 ALL	481052.1	3667885 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-05	0.00E+00	7.59E-05						
2265 ALL	481072.1	3667885 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.73E-05	0.00E+00	7.73E-05						
2266 ALL	481092.1	3667885 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.96E-05	0.00E+00	7.96E-05						
2267 ALL	481112.1	3667885 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-05	0.00E+00	8.20E-05						

2260 411	404422.4	266700E N6	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	0.445.05	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	0.005.00	0.445.05
2268 ALL	481132.1	3667885 NonCancer						0.00E+00	8.41E-05								
2269 ALL	481152.1	3667885 NonCancer						0.00E+00					0.00E+00	0.00E+00		0.00E+00	8.58E-05
2270 ALL	481172.1	3667885 NonCancer			0.00E+00			0.00E+00	8.61E-05								
2271 ALL	481192.1	3667885 NonCancer	0.00E+00		0.00E+00			0.00E+00	8.66E-05								
2272 ALL	481212.1	3667885 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-05	0.00E+00		0.00E+00		0.00E+00	0.00E+00	0.00E+00	8.73E-05
2273 ALL	481232.1	3667885 NonCancer	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	8.82E-05
2274 ALL	481252.1	3667885 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.12E-05	0.00E+00	9.12E-05						
2275 ALL	481032.1	3667905 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.69E-05	0.00E+00	7.69E-05						
2276 ALL	481052.1	3667905 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-05	0.00E+00	7.77E-05						
2277 ALL	481072.1	3667905 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.96E-05	0.00E+00	7.96E-05						
2278 ALL	481092.1	3667905 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-05	0.00E+00	8.11E-05						
2279 ALL	481112.1	3667905 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-05	0.00E+00	8.20E-05						
2280 ALL	481132.1	3667905 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.25E-05	0.00E+00	8.25E-05						
2281 ALL	481152.1	3667905 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-05	0.00E+00	8.33E-05						
2282 ALL	481172.1	3667905 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-05	0.00E+00	8.40E-05						
2283 ALL	481192.1	3667905 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.50E-05	0.00E+00	8.50E-05						
2284 ALL	481032.1	3667925 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.92E-05	0.00E+00	7.92E-05						
2285 ALL	481052.1	3667925 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-05	0.00E+00	7.95E-05						
2286 ALL	481072.1	3667925 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-05	0.00E+00	8.12E-05						
2287 ALL	481092.1	3667925 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.16E-05	0.00E+00	8.16E-05						
2288 ALL	481112.1	3667925 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-05	0.00E+00	8.14E-05						
2289 ALL	481132.1	3667925 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-05	0.00E+00	8.11E-05						
2290 ALL	481152.1	3667925 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-05	0.00E+00	8.12E-05						
2291 ALL	481032.1	3667945 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-05	0.00E+00	8.00E-05						
2292 ALL	481052.1	3667945 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-05	0.00E+00	7.98E-05						
2293 ALL	481072.1	3667945 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-05	0.00E+00	8.00E-05						
2294 ALL	481092.1	3667945 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-05	0.00E+00	7.93E-05						
2295 ALL	481524.1	3666984 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-03	0.00E+00	4.76E-03						
2296 ALL	481503	3667000 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-03	0.00E+00	3.10E-03						
2297 ALL	481481.1	3667012 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03	0.00E+00	2.23E-03						
2298 ALL	481169.8	3667548 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	1.64E-04						
2299 ALL	481125.5	3667446 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	1.63E-04						
2300 ALL	481224.3	3667405 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04	0.00E+00	2.31E-04						
2301 ALL	481183.8	3667303 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	2.33E-04						
2302 ALL	481082.4	3667345 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04	0.00E+00	1.68E-04						
2303 ALL	481038	3667249 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	1.65E-04						
2304 ALL	480967	3667268 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	1.34E-04						
2305 ALL	480926.5	3667178 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04	0.00E+00	1.55E-04						
2306 ALL	481120.4	3667092 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04	0.00E+00	2.96E-04						
2307 ALL	480887.2	3666536 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-04	0.00E+00	4.93E-04						
2308 ALL	481153.4	3666427 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04	0.00E+00	4.58E-04						
2309 ALL	481131.8	3666382 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04	0.00E+00	3.92E-04						
2310 ALL	481190.1	3666363 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04	0.00E+00	3.95E-04						
2311 ALL	481048.2	3666012 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04	0.00E+00	1.47E-04						
2312 ALL	480894.8	3666156 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	1.60E-04						
2313 ALL	480776.9	3666275 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04	0.00E+00	2.14E-04						
2314 ALL	480648.9	3666043 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	1.06E-04						
2315 ALL	480496.8	3666116 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	1.18E-04						
2316 ALL	480415.7	3665971 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-05	0.00E+00	7.44E-05						
2317 ALL	480188.8	3666064 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	1.15E-04						
2318 ALL	480197.6	3666328 NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00	1.50E-04						
2319 ALL	480277.5	3666435 NonCancer															
2320 ALL	480359.9	3666479 NonCancer															
2321 ALL	480428.3																

| 2322 ALL | 480495.5 | 3666673 NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.97E-04 | 0.00E+00 | 1.97E-04 |
|----------|----------|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 2323 ALL | 480893.5 | 3667615 NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.09E-05 | 0.00E+00 | 8.09E-05 |
| 2324 ALL | 480932.8 | 3667597 NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.91E-05 | 0.00E+00 | 8.91E-05 |
| 2325 ALL | 480959.4 | 3667642 NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.05E-05 | 0.00E+00 | 9.05E-05 |
| 2326 ALL | 480911.3 | 3667678 NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.87E-05 | 0.00E+00 | 7.87E-05 |
| 2327 ALL | 481182.5 | 3667562 NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-04 | 0.00E+00 | 1.63E-04 |
| 2328 ALL | 481202.8 | 3667611 NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-04 | 0.00E+00 | 1.51E-04 |
| 2329 ALL | 481275   | 3667587 NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.70E-04 | 0.00E+00 | 1.70E-04 |
| 2330 ALL | 481295.3 | 3667651 NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.48E-04 | 0.00E+00 | 1.48E-04 |
| 2331 ALL | 481357.4 | 3667626 NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.62E-04 | 0.00E+00 | 1.62E-04 |
| 2332 ALL | 481391.7 | 3667714 NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.36E-04 | 0.00E+00 | 1.36E-04 |
| 2333 ALL | 481338.4 | 3667737 NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.25E-04 | 0.00E+00 | 1.25E-04 |
| 2334 ALL | 481382.8 | 3667838 NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.08E-04 | 0.00E+00 | 1.08E-04 |
| 2335 ALL | 481041.8 | 3667969 NonCancer | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.82E-05 | 0.00E+00 | 7.82E-05 |

# **Attachment C**CAP Consistency Worksheet

### **CLIMATE ACTION PLAN CONSISTENCY REVIEW CHECKLIST**

#### INTRODUCTION

The City of San Marcos (City) adopted an updated Climate Action Plan (CAP) in [Insert Date of CAP Adoption]. The CAP outlines strategies and measures that the City will undertake to achieve its proportional share of State greenhouse gas (GHG) emissions reduction targets. The purpose of the CAP Consistency Checklist (Checklist), in conjunction with the CAP, is to provide a streamlined review process for all proposed development projects that are subject to discretionary review and/or trigger environmental review pursuant to the California Environmental Quality Act (CEQA).

Analysis of GHG emissions and potential climate change impacts from new development is required under CEQA. The City's CAP is a qualified greenhouse gas (GHG) emissions reduction plan in accordance with State CEQA Guidelines Section 15183.5. Pursuant to CEQA Guidelines Sections 15064(h)(3), 15130(d), and 15183(b), a project's incremental contribution to a cumulative GHG emissions effect may be determined not to be cumulatively considerable if it complies with the requirements of a CAP.

The purpose of this Checklist is to implement GHG reduction measures from the CAP that apply to new discretionary development projects. New development would demonstrate consistency with relevant CAP strategies and would not conflict with the City's ability to achieve the identified GHG reduction targets through implementation of applicable measures. Projects that are consistent with the CAP, as determined through the use of this Checklist, may rely on the CAP for the cumulative impact analysis of GHG emissions. Projects that are not consistent with the CAP must prepare a comprehensive project-specific analysis of GHG emissions, including quantification of existing and projected GHG emissions and incorporation of the measures in this Checklist to the extent feasible. Cumulative GHG impacts would be significant for any project that is not consistent with the CAP.

This Checklist may be updated periodically to incorporate new GHG reduction techniques or to comply with later amendments to the CAP or local, State, or federal law. Comprehensive updates to this Checklist will be coordinated with each CAP update. Administrative updates to the Checklist may occur regularly, as necessary for the purpose of keeping the Checklist up-to-date and implementable. Updates to the CAP Checklist associated with an update to the City's CAP would also require City Council approval and shall comply with CEQA.

#### APPLICABILITY AND PROCEDURES

This Checklist is required only for discretionary projects¹ that are subject to and not exempt from CEQA. Projects that are exempt from CEQA are deemed to be consistent with the City's CAP, and no further review is necessary, with the exception of a Class 32 "In-Fill Development Projects" categorical exemption (State CEQA Guidelines Section 15332), for which projects are required to demonstrate consistency with the CAP through this Checklist.

General procedures for Checklist compliance and review are described below. Specific guidance is also provided under each of the questions under Steps 1 and 2 of the Checklist.

- The City's Development Services Planning Division reviews development applications and makes determinations regarding environmental review requirements under CEQA.
- The specific applicable requirements outlined in the Checklist shall be required as conditions of project approval.
- The project must provide written documentation and supporting evidence that demonstrate how the proposed project would implement each applicable Checklist requirement described herein to the satisfaction of the Planning Division.
- If a question in the Checklist is deemed not applicable (N/A) to a project, written documentation and evidence supporting that conclusion shall be provided to the satisfaction of the Planning Division. Each Checklist question provides the scenario(s) where checking N/A may be acceptable. If a measure is deemed not applicable for reasons other than those outlined in each question, supporting evidence will need to be provided and would be subject to Planning Division approval. A project may be determined to be inconsistent with the CAP if the N/A response is deemed to be not supported by credible evidence.
- Development projects requiring discretionary review that cannot demonstrate consistency with the CAP using this Checklist shall prepare a separate, project-level GHG analysis as part of the CEQA document prepared for the project.

<sup>&</sup>lt;sup>1</sup> In this context, a project is any action that meets the definition of a "Project" in Section 15378 of the State CEQA Guidelines.

# **Application Information Contact Information** Reduced Pacific Specific Plan Project Alternative Project No. and Name: APNs 219-222-01, 219-222-02, 219-222-03, 219-222-04 Property Address and APN: Greg Waite, Las Posas Owner LPV, LLC Applicant Name and Co.: 760-533-1937 gwaite@ip-llc.net **Contact Phone:** Contact Email: Was a consultant retained to complete this checklist? ☐ Yes ☐ No If Yes, complete the following: Contact Phone: 805-308-8516 Adam Poll Consultant Name: apoll@dudek.com Dudek Company Name: Contact Email: **Project Information** 1. What is the size of the project site (acres)? 33.2 acres 2. Identify all applicable proposed land uses: ☐ Residential (indicate # of single-family dwelling units): 299 units ☑ Residential (indicate # of multi-family dwelling units): ☐ Commercial (indicate total square footage): ☐ Industrial (indicate total square footage): ☐ Other (describe): 3. Provide a description of the project proposed. This description should match the basic project description used for the CEQA document. The description may be attached to the Checklist if there are space constraints. Please see attached.



The first step in this section evaluates a project's GHG emissions consistent with the City's *Guidance to Demonstrating Consistency with the City of San Marcos Climate Action Plan: For Discretionary Projects Subject to CEQA* (Guidance Document). New discretionary development projects subject to CEQA review that emit fewer than 500 metric tons of carbon dioxide equivalent (MTCO<sub>2</sub>e) annually would not contribute considerably to cumulative climate change impacts as stated in the City's Guidance Document, and therefore, would be considered consistent with the CAP and associated emissions projections.

For projects that are subject to CAP consistency review, the next step in determining consistency is to assess the project's consistency with the growth projections used in the development of the CAP. This section allows the city to determine a project's consistency with the land use assumptions used in the CAP.

Step 1: Land Use Consistency				
	ist Item ne appropriate box and provide an explanation and supporting documentation for your answer)	Yes	No	
1.	The size and type of projects listed below would emit fewer than 500 MTCO <sub>2</sub> e per year. Based on this threshold, does the proposed project exceed these characteristics?  Single Family Housing: 36 dwelling units  Multi-Family Housing: 55 dwelling units  Coffice: 43,000 square feet  Commercial Space: 20,000 square feet  Regional Shopping Center: 18,000 square feet  Hotel: 37 rooms  Restaurant (Sit-Down): 6,500 square feet  Restaurant (Drive-Thru, High Turnover): 2,400 square feet  Mixed-Use: See Guidance to Demonstrating Consistency memorandum for methods to estimate mixed-use development thresholds  Mixed-Use: See Guidance to Demonstrating Consistency memorandum for methods to estimate mixed-use development thresholds  Other: For project types not listed in this section the need for GHG analysis and mitigation will be made on a project-specific basis, considering the 500 MTCO <sub>2</sub> e per year screening threshold.  If "Yes", proceed to Question 2 of Step 1.  If "No", in accordance with the City's CAP screening criteria, the project's GHG impact	ΙX		
	is less than significant and is not subject to the measures of the CAP.			
2.	Is the proposed project consistent with the City's existing General Plan land use designation?  If "Yes", proceed to Step 2.  If "No", proceed to Question 3 of Step 1		ΣX	
3.	For projects not consistent with the existing General Plan land use designation, does the project include a General Plan Amendment that would generate GHG emissions equal to or less than estimated emissions generated under the existing designation?  If "Yes", proceed to Step 2 and provide estimated project emissions under both existing and proposed designation(s) for comparison.  If "No", the project's GHG impact is potentially significant, and a GHG analysis must be prepared in accordance with the City's Guidance Document and applicable CEQA guidelines. The project must incorporate each of the measures identified in Step 2 to mitigate cumulative GHG emissions impacts, along with other mitigation measures as necessary based on a project specific GHG analysis Proceed and complete a project specific GHG analysis, and Step 2 of the Checklist.	ĽΧ		



The second step of CAP consistency review is to evaluate a project's consistency with the applicable strategies and measures of the CAP. Each Checklist item is associated with a specific GHG reduction measure in the City's CAP. "N/A" should only be checked based on the direction provided in each Checklist Item question. All projects for which the measure is applicable must demonstrate that they would implement measures consistent with the Checklist Item, or fully substantiate how the item would be infeasible for project implementation. "N/A" responses are subject to Planning Division review and approval. If "No" is provided as a response to a question, the project would be determined to be inconsistent with the CAP and result in a significant GHG impact.

Step 2: CAP Measures Consistency				
Checklist Item (Check the appropriate box and provide an explanation for your answer. Please use additional sheets if necessary)	Yes	No	N/A	
Project Design				
1. Electric Vehicle Charging Stations (Measure T-2)				
Multi-Family Residential and Non-Residential: Will the project install electric vehicle charging stations (Level 2 or better) in at least five percent of the total parking spaces provided on-site?  Check "N/A" if the project is a single-family residential project or would not provide any parking.	×			
Please substantiate how the project satisfies question 1:				
The project consists of a GPA/rezone to convert the existing industring residential land use designation. The project would include 646 total include at least 38 EV charging stations.				
2. Bicycle Infrastructure (Measure T-8)				
Residential and Non-Residential Projects: If the following conditions are met, would the project pay its fair-share contribution to bicycle infrastructure improvements?  Intersection or roadway segment improvements are proposed as part of the project and,  The City's General Plan Mobility Element identifies bicycle infrastructure improvements at any intersection(s) or roadway segment(s) that would be improved as part of the project.	⊠			
Check "N/A" if the conditions above would not be met.				
Please substantiate how the project satisfies question 2:				
The project consists of a GPA/rezone to convert the existing industri- residential land use designation. The project would pay its fair-share infrastructure improvements as compliance with this checklist item.				

Step 2: CAP Measures Consistency			
Checklist Item (Check the appropriate box and provide an explanation for your answer. Please use additional sheets if necessary)	Yes	No	N/A
3. Transportation Demand Management (Measure T-9)			
Multi-Family Residential and Non-Residential: Will the project develop and implement a TDM plan that includes, at a minimum, all of the TDM strategies listed below?  Provide discounted monthly transit pass or provide at least 25 percent transit fare subsidy to residents/employees.  Provide designated car-share, carpool, vanpool, and/or park-and-ride parking spaces.²  Provide pedestrian connections between all internal uses and to all existing or planned external streets around the project site(s).  Provide secure bicycle parking spaces or bicycle racks, showers, and clothes lockers.  Encourage telecommuting for employees (allow one telecommute day per week or compressed work weeks) or provide a telecommute work center with common office space and equipment available to residents.  -or-  Would the project implement and monitor for four (4) years a TDM program that demonstrates an alternative transportation (i.e. carpool, public transit, bicycle, walk, telecommute) mode share of at least 29 percent <sup>3</sup> for all residents?  Check "N/A" if the project is a single-family residential project or is not subject to the City's TDM Ordinance.	ĽX		
Please state which measure option the project for which the project wou	ld comply a	and substan	tiate how
the project satisfies question 3:			,
The project consists of a GPA/rezone to convert the existing industri residential land use designation. The project would develop and impincorporates the required TDM strategies listed in this measure.			

<sup>&</sup>lt;sup>2</sup> The designated number of car-share, carpool, vanpool, and/or park-and-ride parking spaces provided at a rate equal to or greater than CALGreen minimum requirements.

<sup>&</sup>lt;sup>3</sup> Measure T-10 requires projects to increase alternative mode share by seven percent. The baseline mode share for alternative transportation (i.e. carpool, public transit, bicycle, walk, and telecommute) is 22 percent based on 2010 Census Data.

Step 2: CAP Measures Consistency				
Checklist Item (Check the appropriate box and provide an explanation for your answer. Please use additional sheets if necessary)	Yes	No	N/A	
4. Reduce Parking Near Transit (Measure T-12)				
Multi-Family Residential: If located within a half-mile of a major transit stop <sup>4</sup> , would the project provide at least 27 percent fewer parking spaces than required for the same use based on the City's municipal code parking requirements?			X	
Check "N/A" if the project is a single-family residential or non-residential project.				
Please substantiate how the project satisfies question 4:				
Although the project is multi-family residential, it is not located within as defined in this checklist.	1/2 mile c	of a major tr	ansit stop	
·				
5. Water Heaters (Measure E-1)		 	 	
3. Water neaters (Measure E-1)				
Residential: Will the project install one of, or a combination of,				
the following water heater types in place of natural gas water heaters?				
☐ Electric heat pump water heater				
☐ Instantaneous electric water heater	又			
☐ Electric tank				
☐ Solar water heater with heat pump water heater				
backup  ☐ Solar water heater with electric tank backup				
Check "N/A" if the project is a non-residential project.				
Please substantiate how the project satisfies question 5:				
The project would install non-natural gas water heaters that would make the checklist item.	neet the re	quirements	of this	
·				

<sup>&</sup>lt;sup>4</sup> Major transit stop is defined as a bus or light-rail station with fixed service and 10-minute minimum headways during peak hours. Project applicants should confirm with City staff if the project site would fall within this proximity tot a major transit stop.

Step 2: CAP Measures Consistency			
Checklist Item (Check the appropriate box and provide an explanation for your answer. Please use additional sheets if necessary)	Yes	No	N/A
6. Photovoltaic Installation (Measure E-2)			
Non-Residential: Will the project install photovoltaic systems with a minimum capacity of two watts per square foot of gross floor area?			DX.
Check "N/A" if the project is a residential project or if installation of onsite photovoltaic would be infeasible.			
Please substantiate how the project satisfies question 6:			
The project is residential.			
7. Landscaping Water Use (Measure W-1)			
Residential and Non-Residential: Will the project comply with the City's Water Efficient Landscape Ordinance? <sup>5</sup>	X		
Check "N/A" if the project is not proposing any landscaping or is not			
subject to the City's Water Efficient Landscape Ordinance.			
Please substantiate how the project satisfies question 7:			
-The project's landscaping would meet the requirements within the C	citv's Wate	r Efficient I	andscape

-The project's landscaping would meet the requirements within the City's Water Efficient Landscape -Ordinance. As prescribed in Section 4.3.1 of the specific plan, The selected plants are well suited to \_the local soils and have proven to flourish within the project area's climate and are consistent with \_AB 1881 requirements and the City of San Marcos Water Efficient Landscape Ordinance (WELO) and Municipal Code, Title 20.The project will include composting, climate adapted plants, mulch, \_minimal use of turf, and smart water-efficient irrigation systems to minimize water use.

<sup>5</sup> City of San Marcos Landscape Manual: <a href="https://www.san-marcos.net/home/showdocument?id=13984">https://www.san-marcos.net/home/showdocument?id=13984</a>

Step 2: CAP Measures Consistency				
Checklist Item  (Check the appropriate box and provide an explanation for your answer. Please use additional sheets if necessary)	Yes	No	N/A	
8. Urban Tree Canopy (Measure C-2)				
Single-Family Residential: Will the project plant a minimum of one tree per single-family residential unit?  -or-  Multi-Family Residential and Non-Residential: If the project is providing more than 10 parking spaces, will the project plant at least one tree per five parking spaces provided?	ĽΧ			
Check "N/A" if planting the required number of trees on-site would be infeasible.				
Please substantiate how the project satisfies question 8:		l		
The project is providing 646 parking spaces and will plant at least 1 –requirement.	30 trees to	satisfy this	s checklist	
_				

## PROJECT DESCRIPTION

The approximately 33-acre project site is an infill site located in the western portion of the City of San Marcos, at the northwest corner of S. Las Posas Road and Linda Vista Drive, comprised of Assessor's Parcel Numbers (APNs) 219-222-01, 219-222-02, 219-222-03, and 219-222-04. La Mirada Drive abuts the site's northern boundary, while S. Pacific Street abuts the property's western boundary. The Grand Plaza shopping center is located directly across Las Posas Road. Light industrial uses are adjacent to the site's northern, southern, and western boundary, and Bradley Park is located across from the site's southwestern corner. Single- and multi-family residential uses are located to the west and south of Bradley Park.

The project would allow for the development of 299 residential units, including a mix of apartments within a five-story podium building, three-story rowhomes, three-story villas, and affordable flats within a four-story building, on approximately 13.3 acres within the 33-acre project site. The number of units proposed per housing type is outlined in the table below:

Housing Type	Number of Units	
Rowhomes	147	
Villas	107	
Affordable Flats	45	
Total	299	

45 of the 299 total units (15 percent of the total) would be designated as deed-restricted affordable units. The project would also include a total of 646 parking spaces and 111,025 square feet of common open space area. The proposed project also includes landscaping, bio-retention areas and circulation improvements. The remaining 19.9 acres of the 33-acre project site would be preserved and restored open space and habitat area. The proposed project would have a density of approximately 8.99 dwelling units per acre (DU/AC) not including the proposed open space and habitat area. With the open space and habitat area included, the density of the proposed project would be approximately 22.55 DU/AC.

The proposed project would be accessible from three points on La Mirada Drive, one emergency access only point on S. Las Posas Road, and one access point on Linda Vista Drive. The three access points on La Mirada Drive would serve the residences of the rowhomes, villas and apartments; and the one access point on Linda Vista Drive would serve the residences of the affordable flats.

The project proposes a General Plan Amendment, Rezone, Specific Plan, Tentative Map, and Multi-Family Site Development Plan. The General Plan Amendment and Rezone would change the General Plan designation and Zoning from Industrial (I) to Specific Plan Area (SPA).